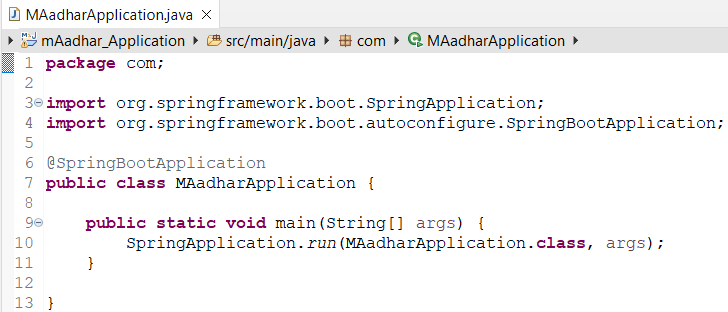
**mAadhar Application**

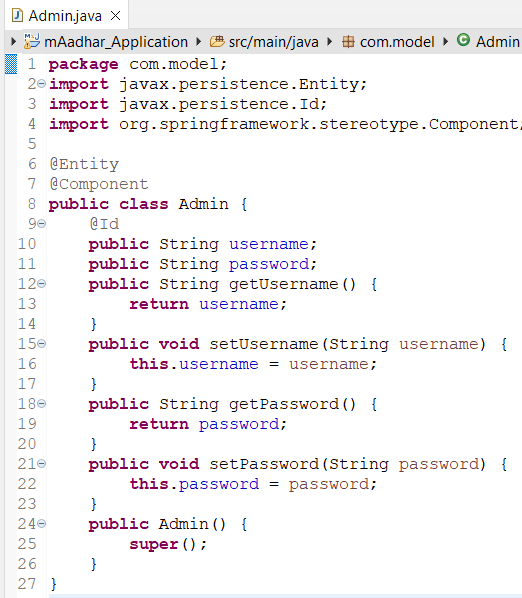
**Code:**

**Springboot**

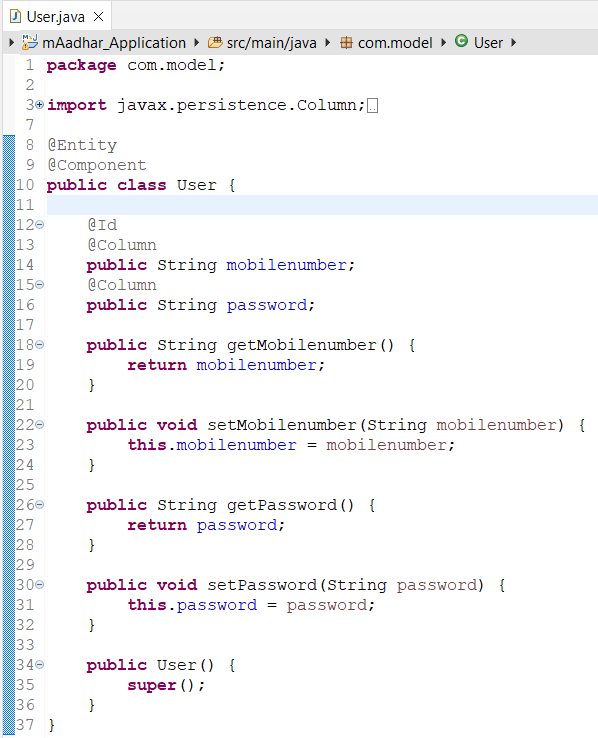
****

**Entity**

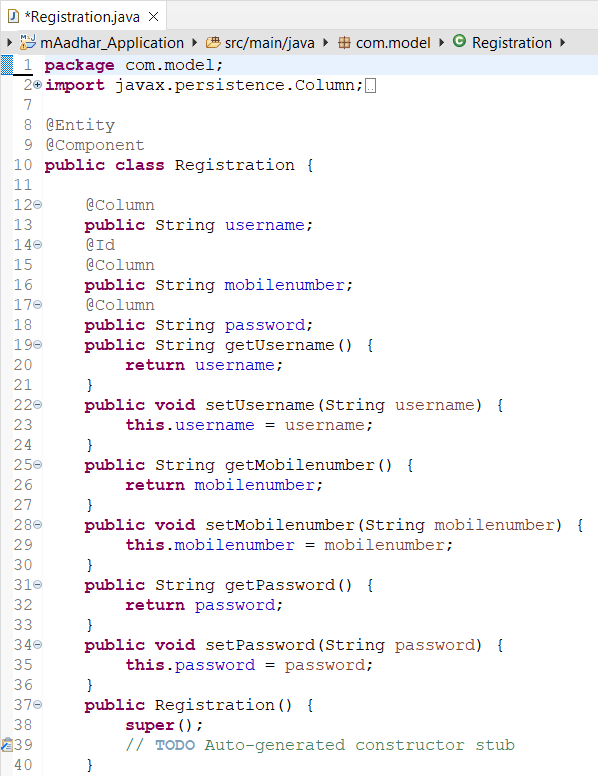
Admin

****

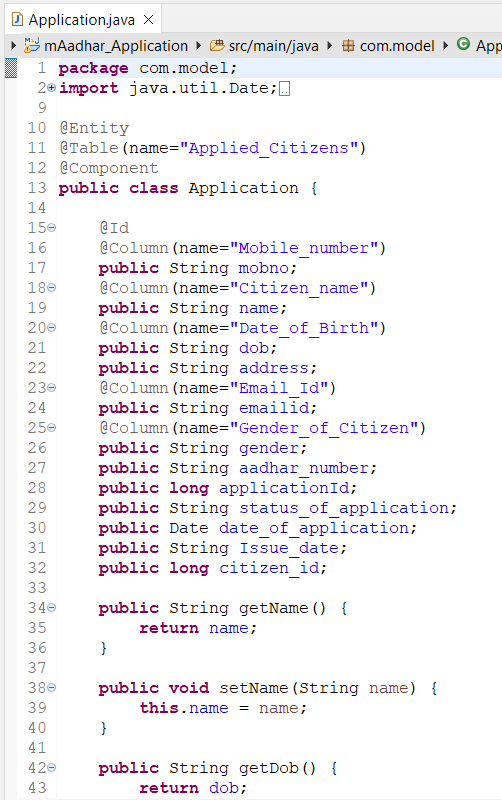
User

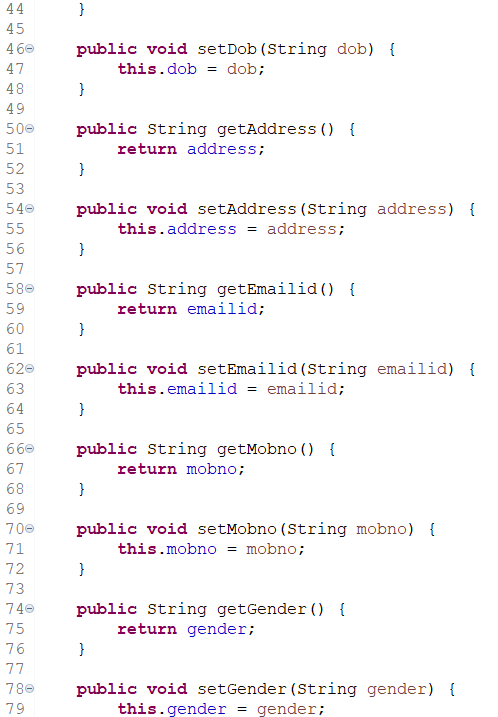


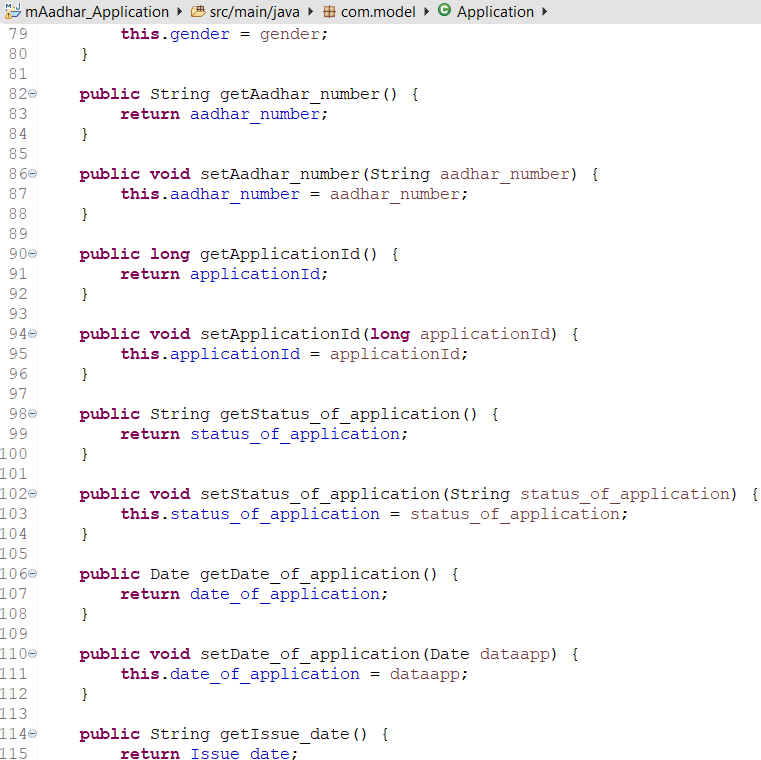
Registration

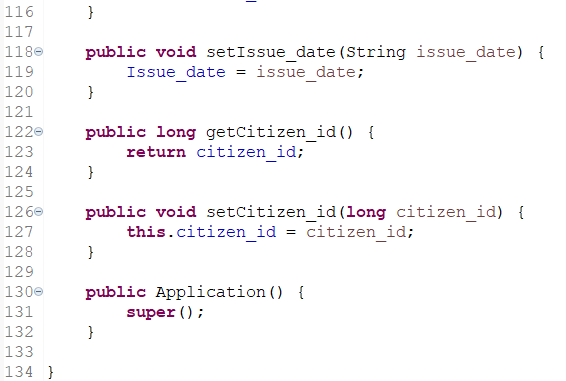


Application

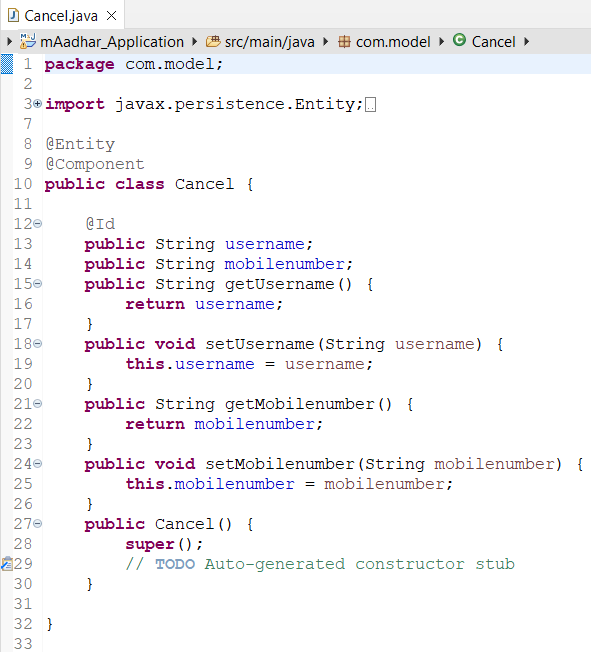






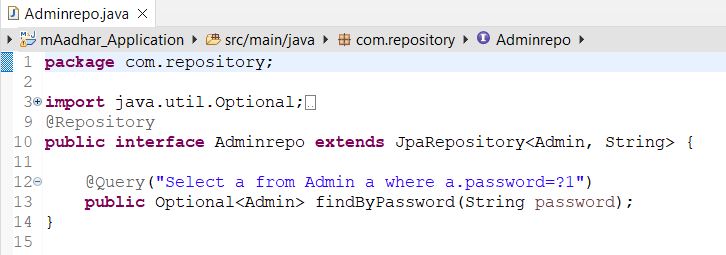


Cancel



Repository

Adminrepo



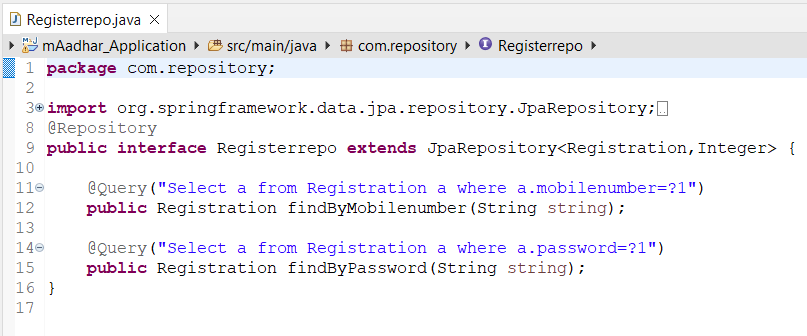
Applyrepo



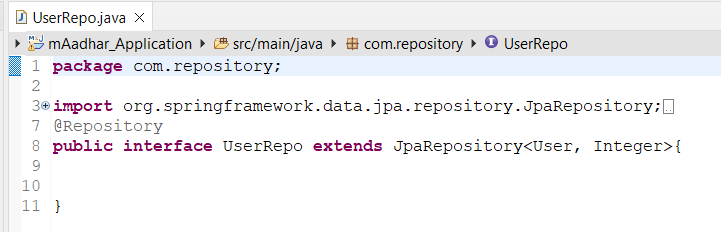
Cancelrepo



Registerrepo

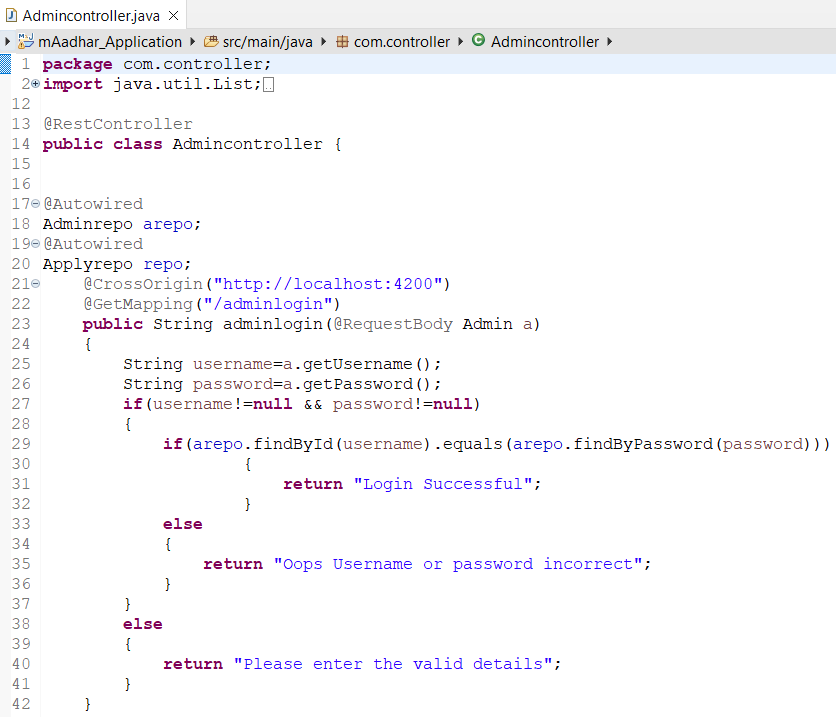


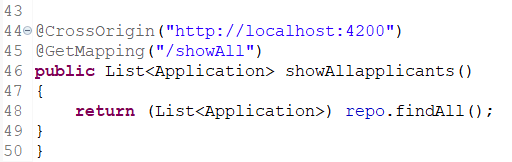
Userrepo



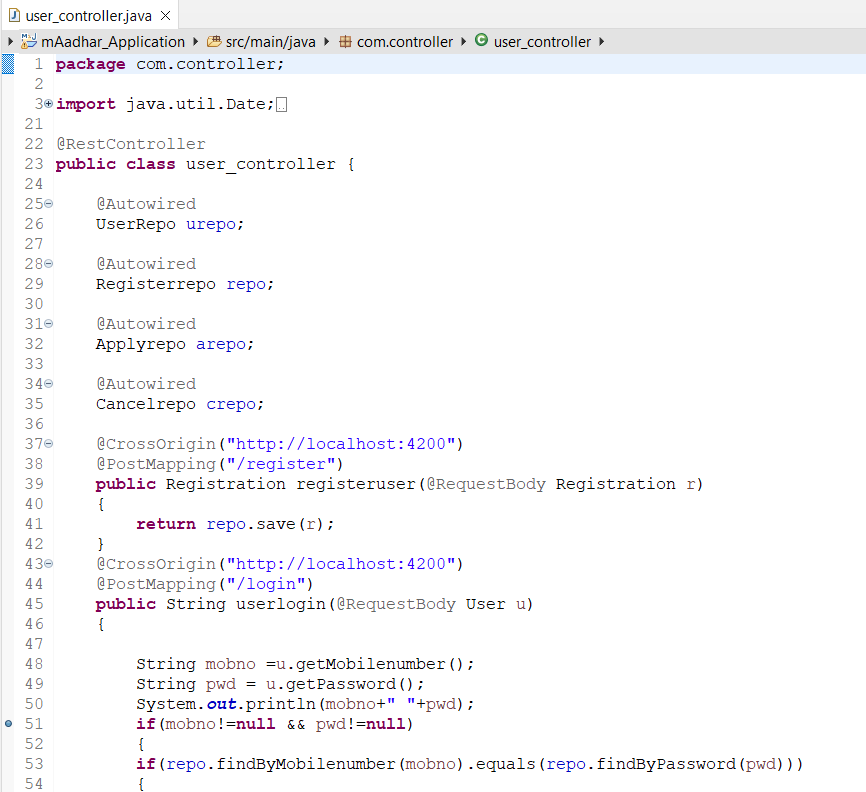
Controller

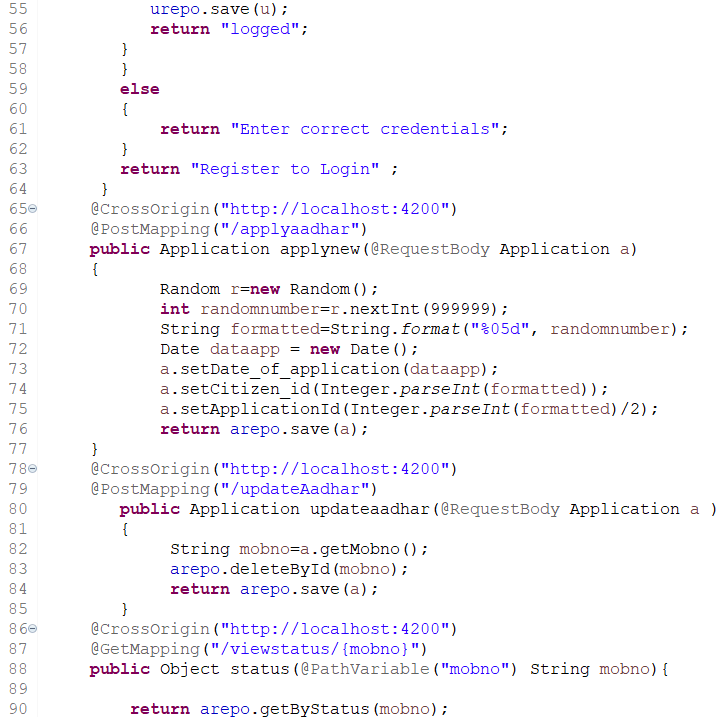
Admin

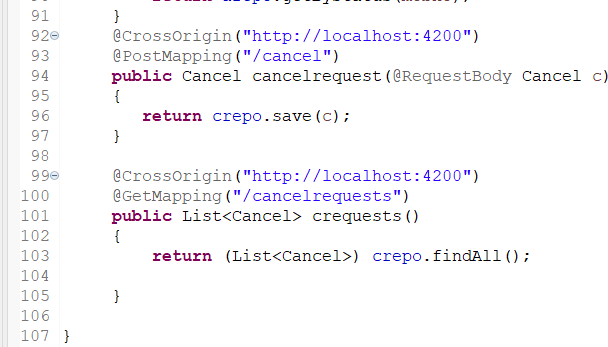




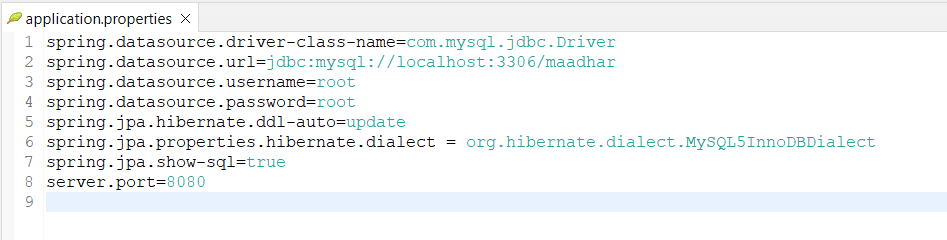
User







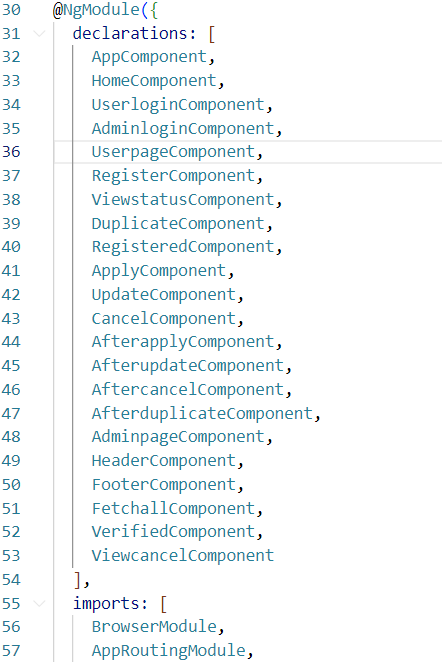
Application.properties



**Angular**

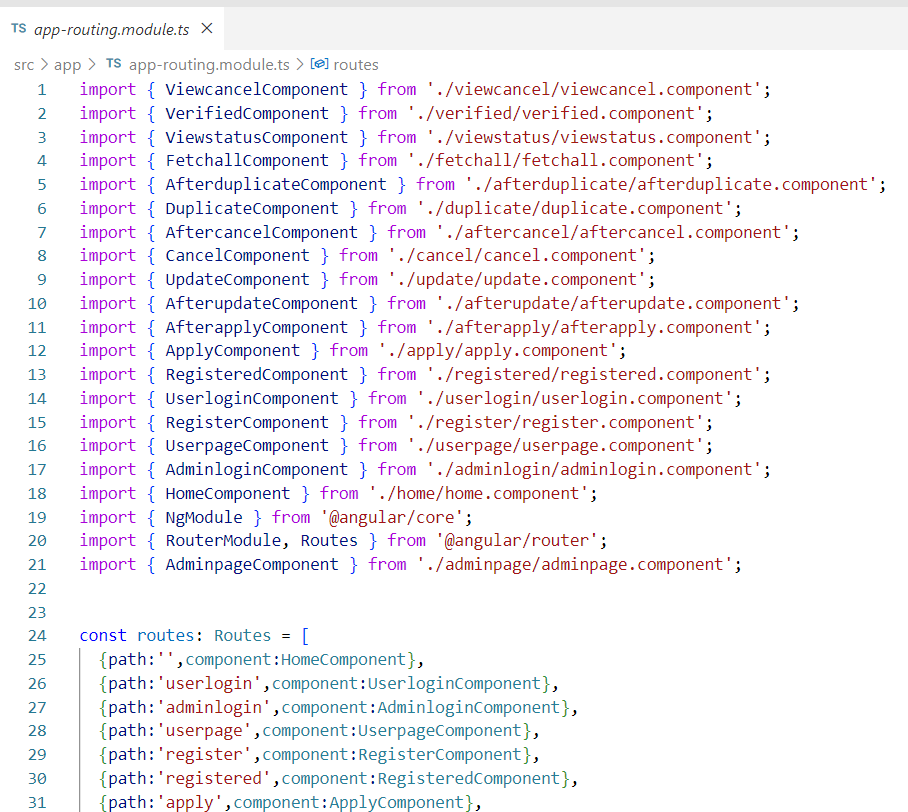
app.module.ts





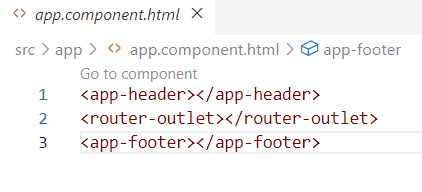


app-routing.module.ts





app.component.html



home component





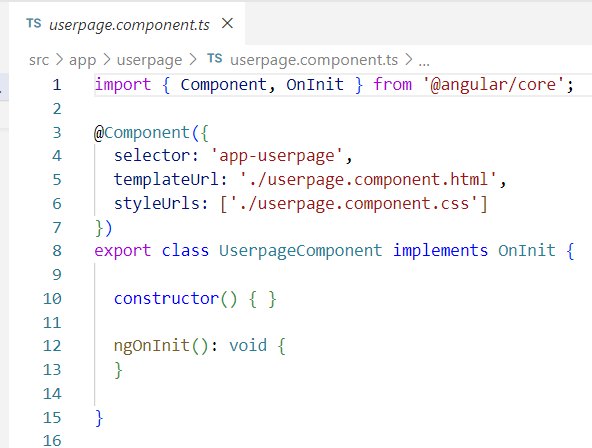
userlogin component





userpage component





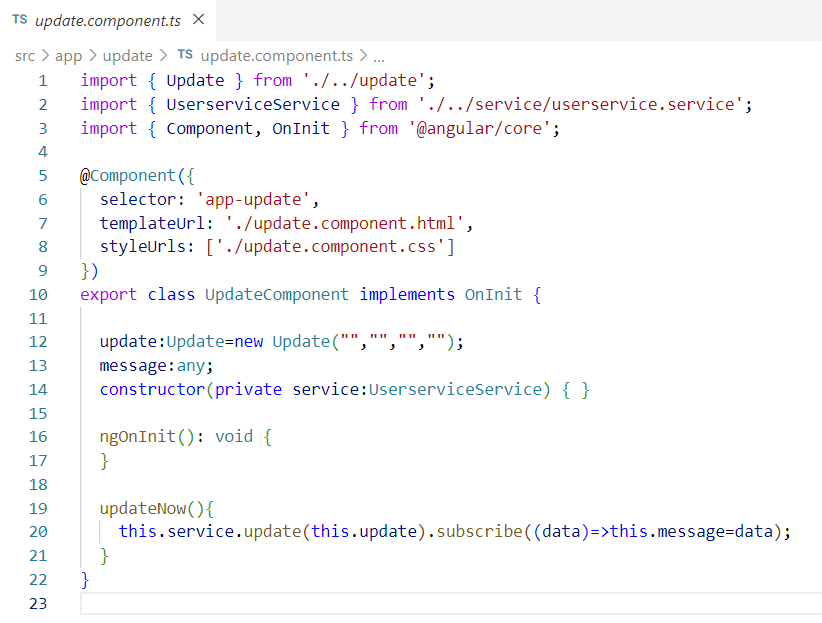
apply component





update component





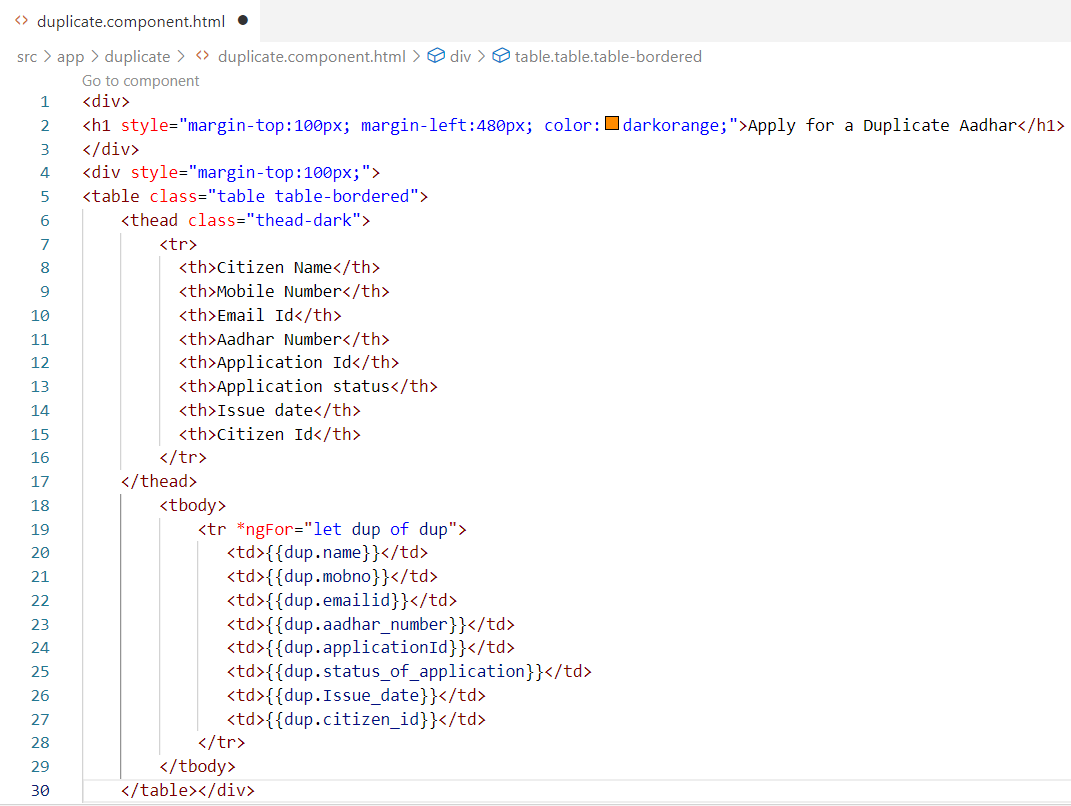
cancel component

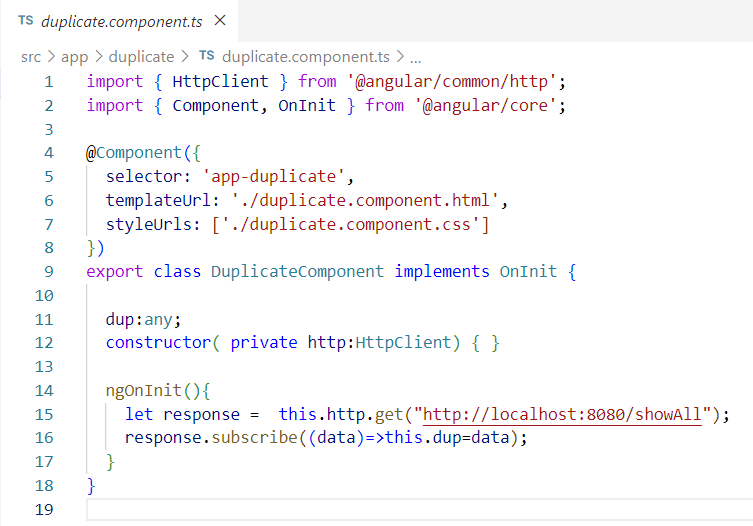






duplicate component





Admin

adminlogin component



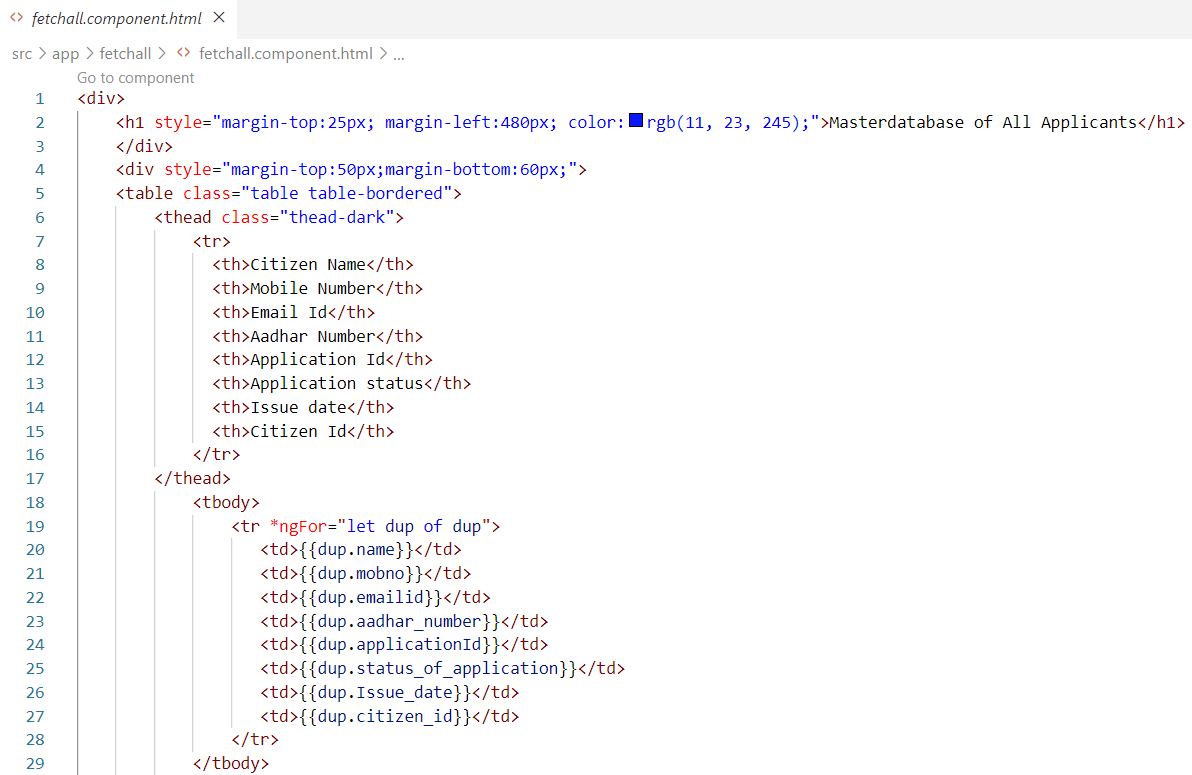


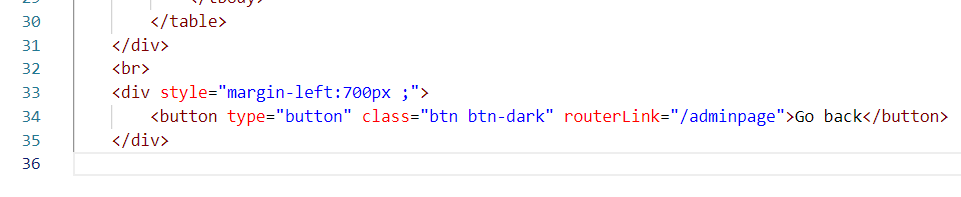
adminpage component

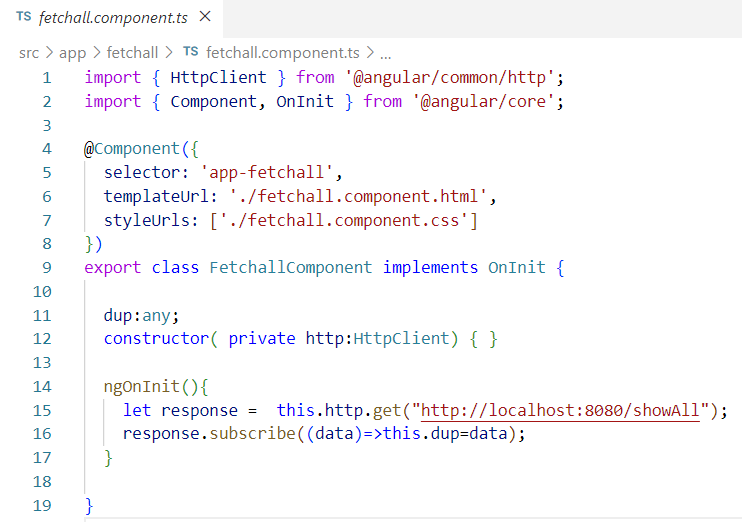




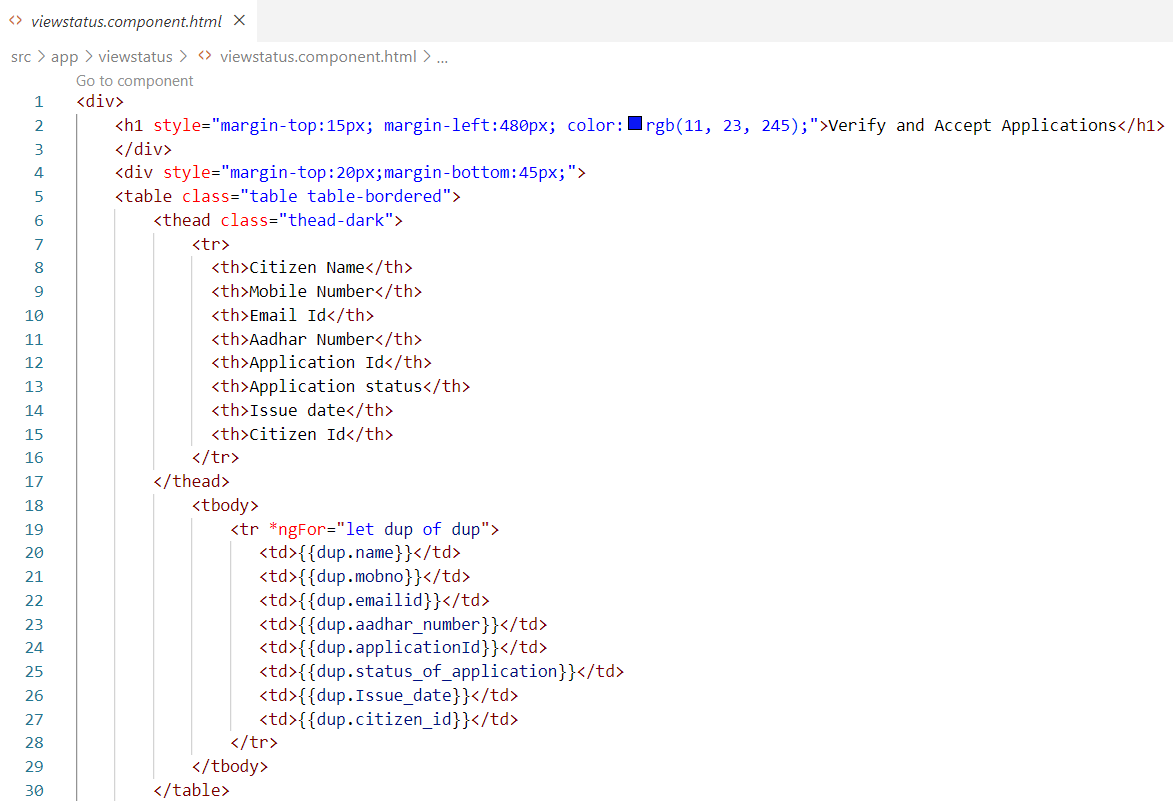
fetchall component







viewstatus component





viewcancel component



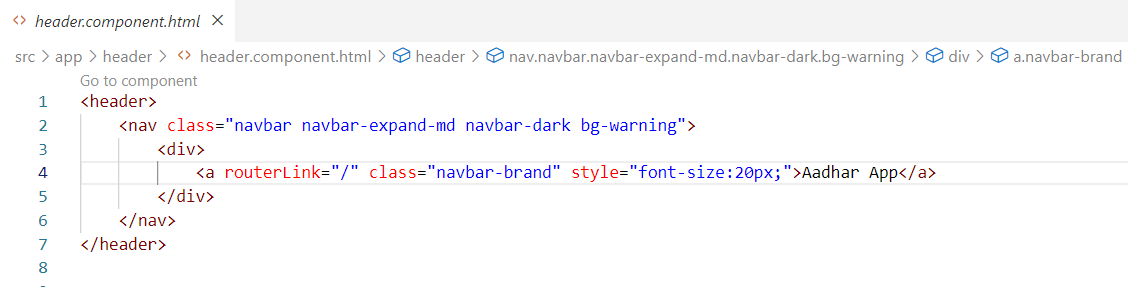


verified component





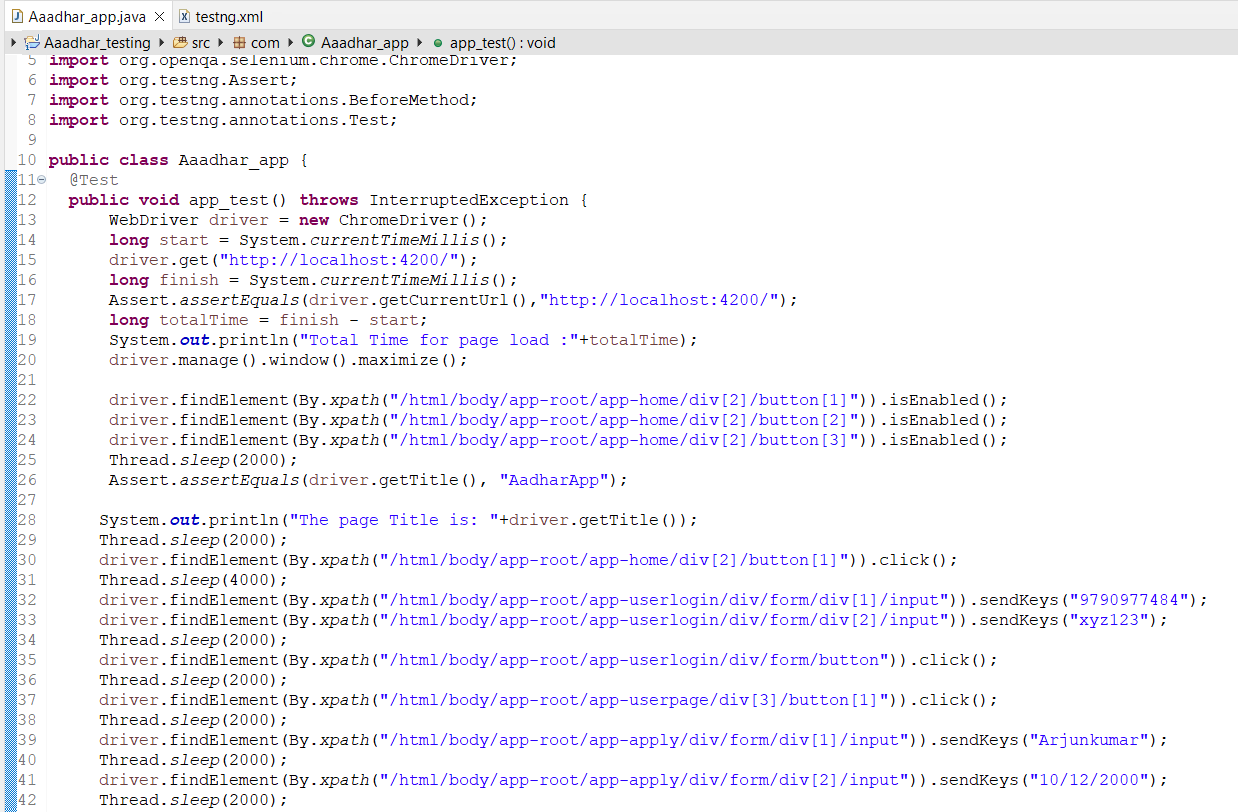
header component



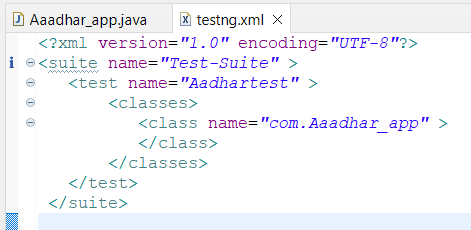
footer component



**Testing using Selenium ,TestNG**

****

****

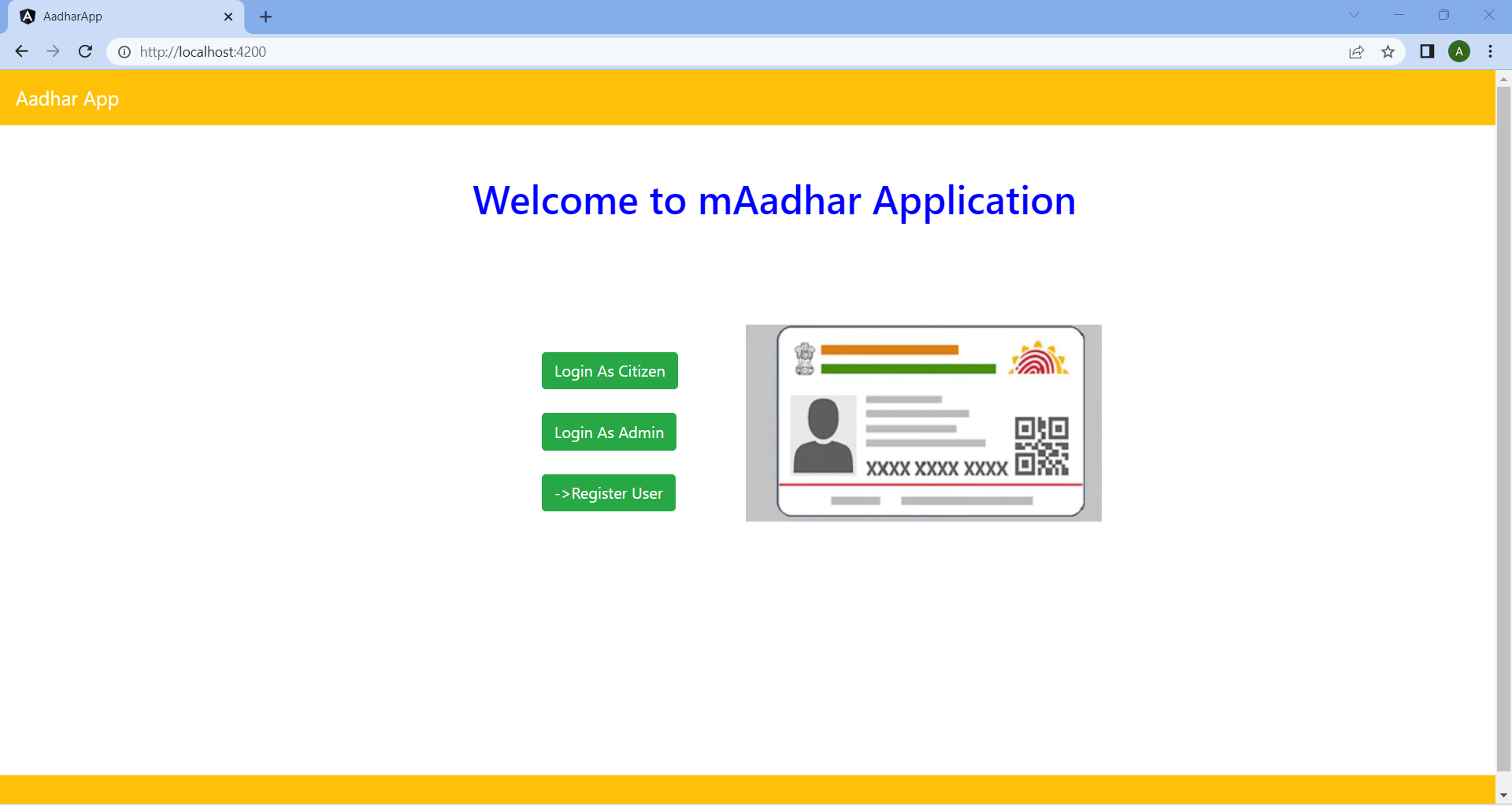
****

**Output:**

Run the Springboot application in port and angular application in 4200

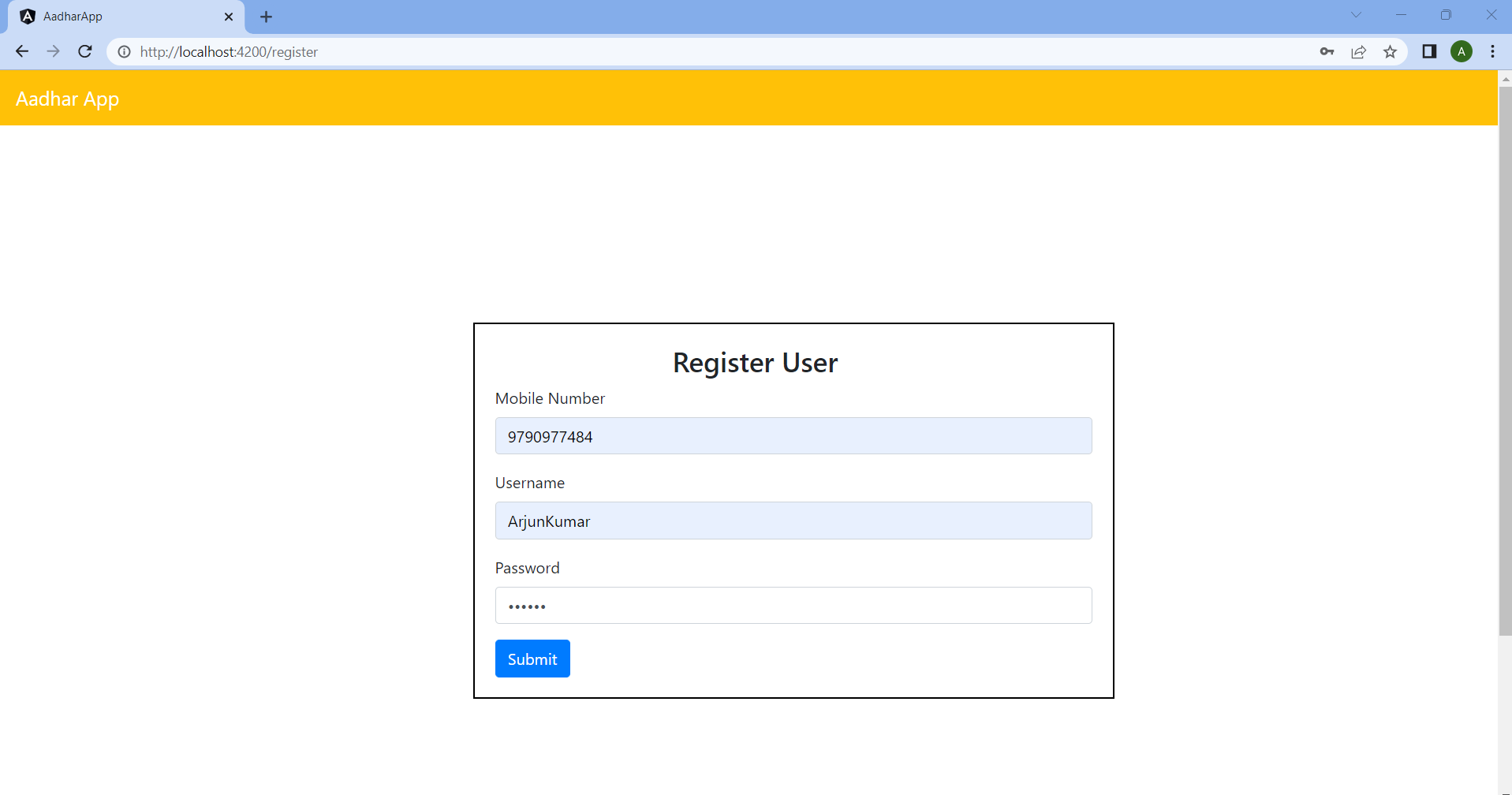
Put the url “ <http://localhost:4200/>” in browser to access the Application

The home page will load first and ask for Login or Register

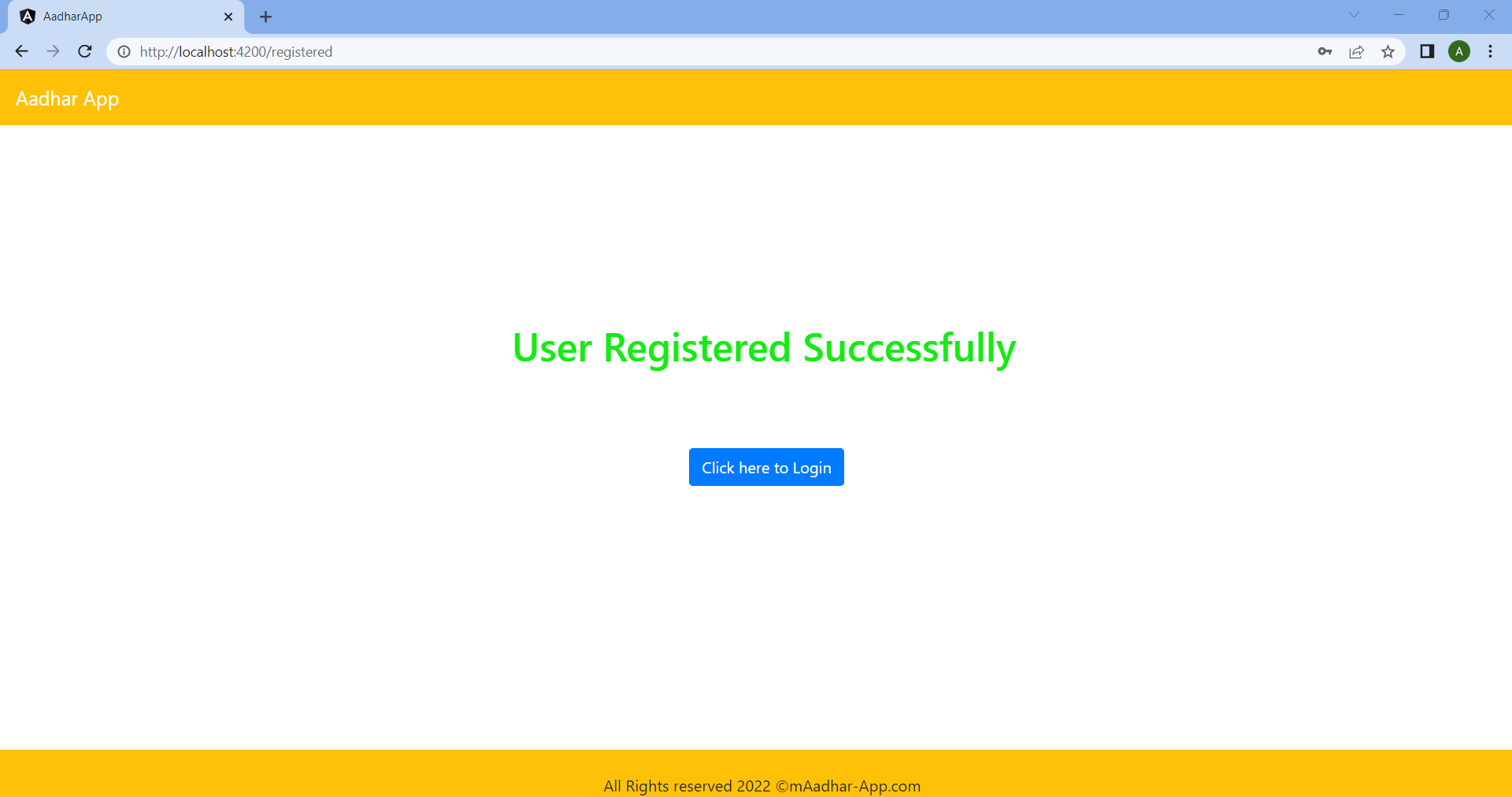


**User**

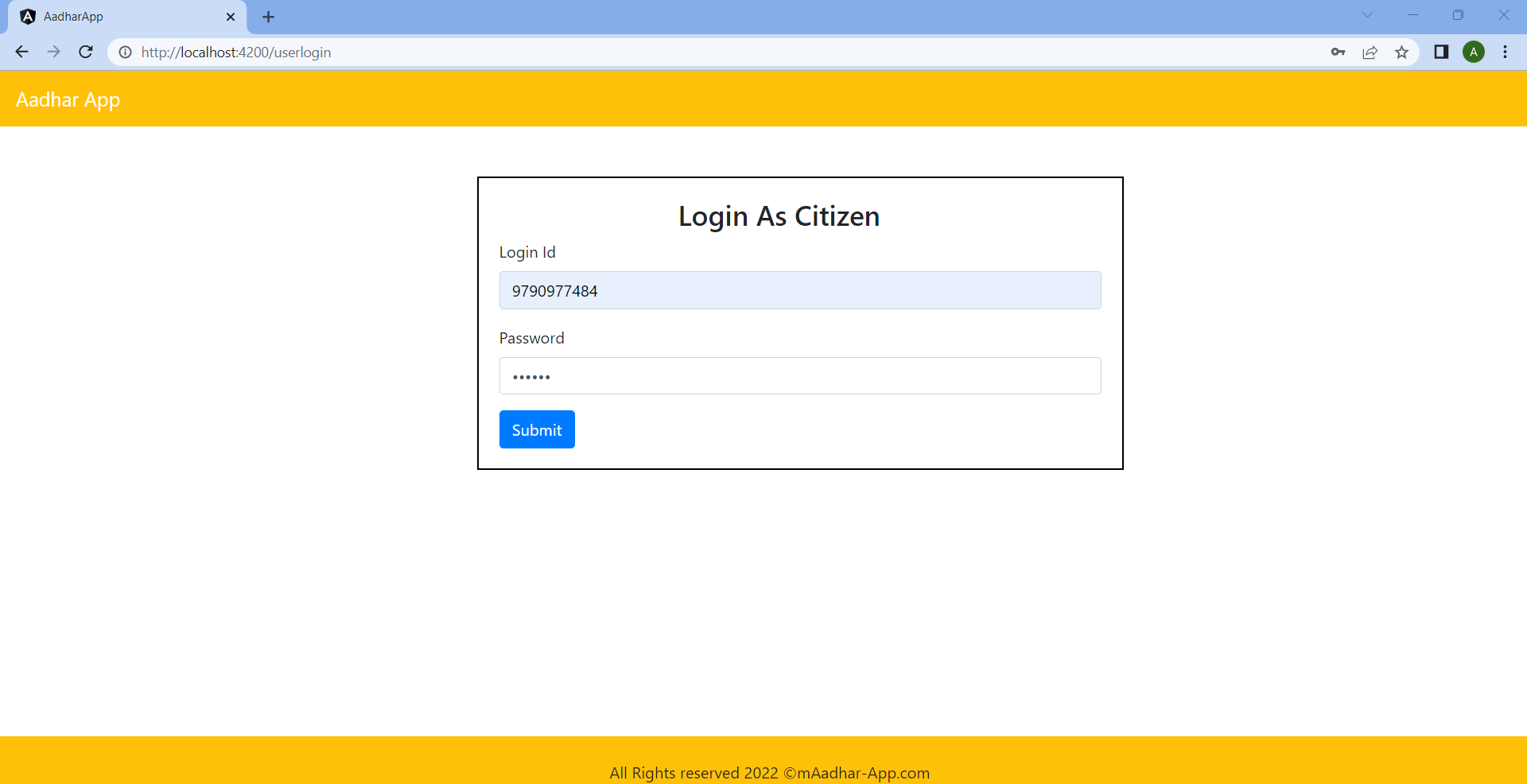
Register as a User to Login

****

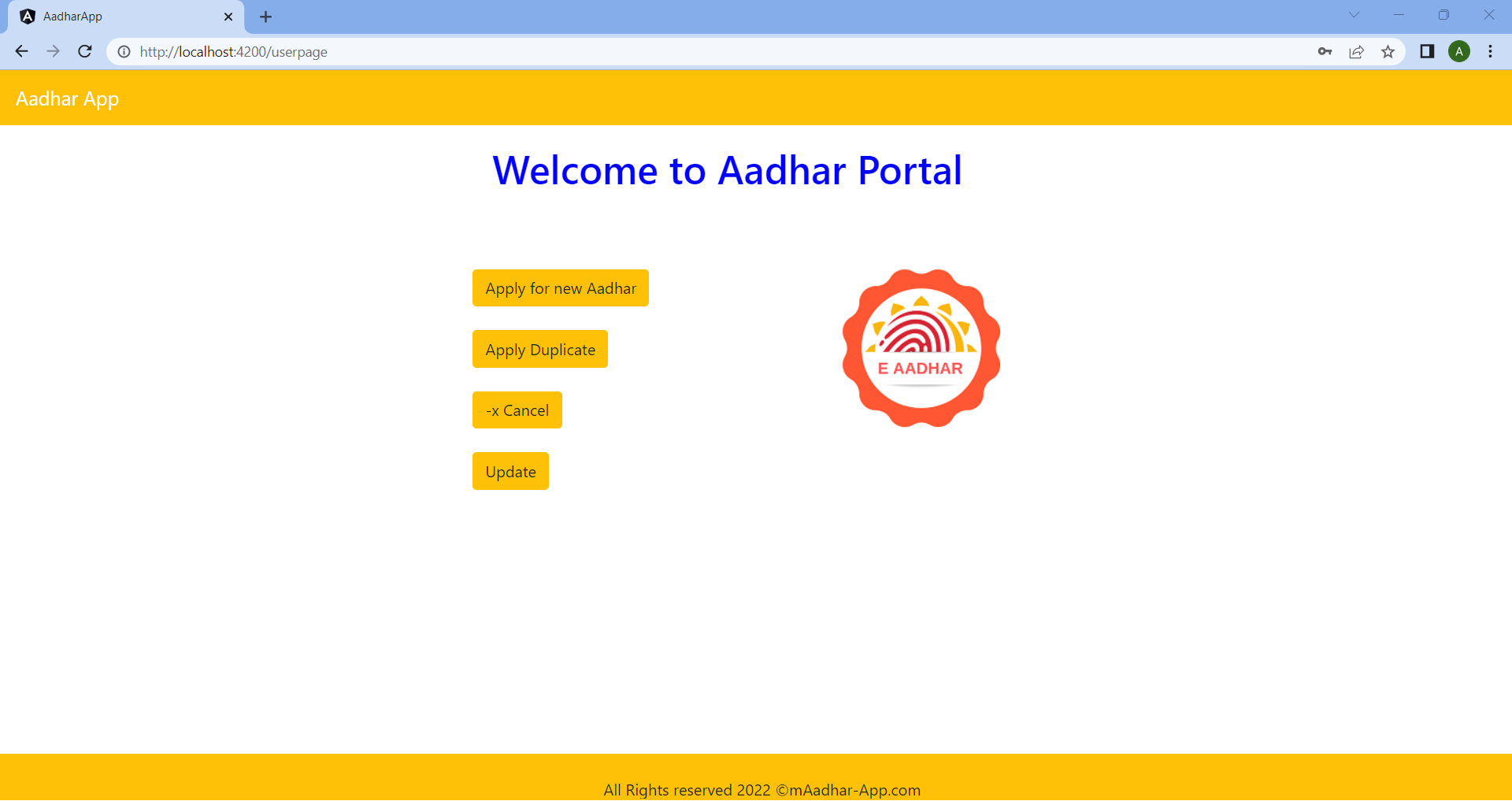
Click on “click here to login”



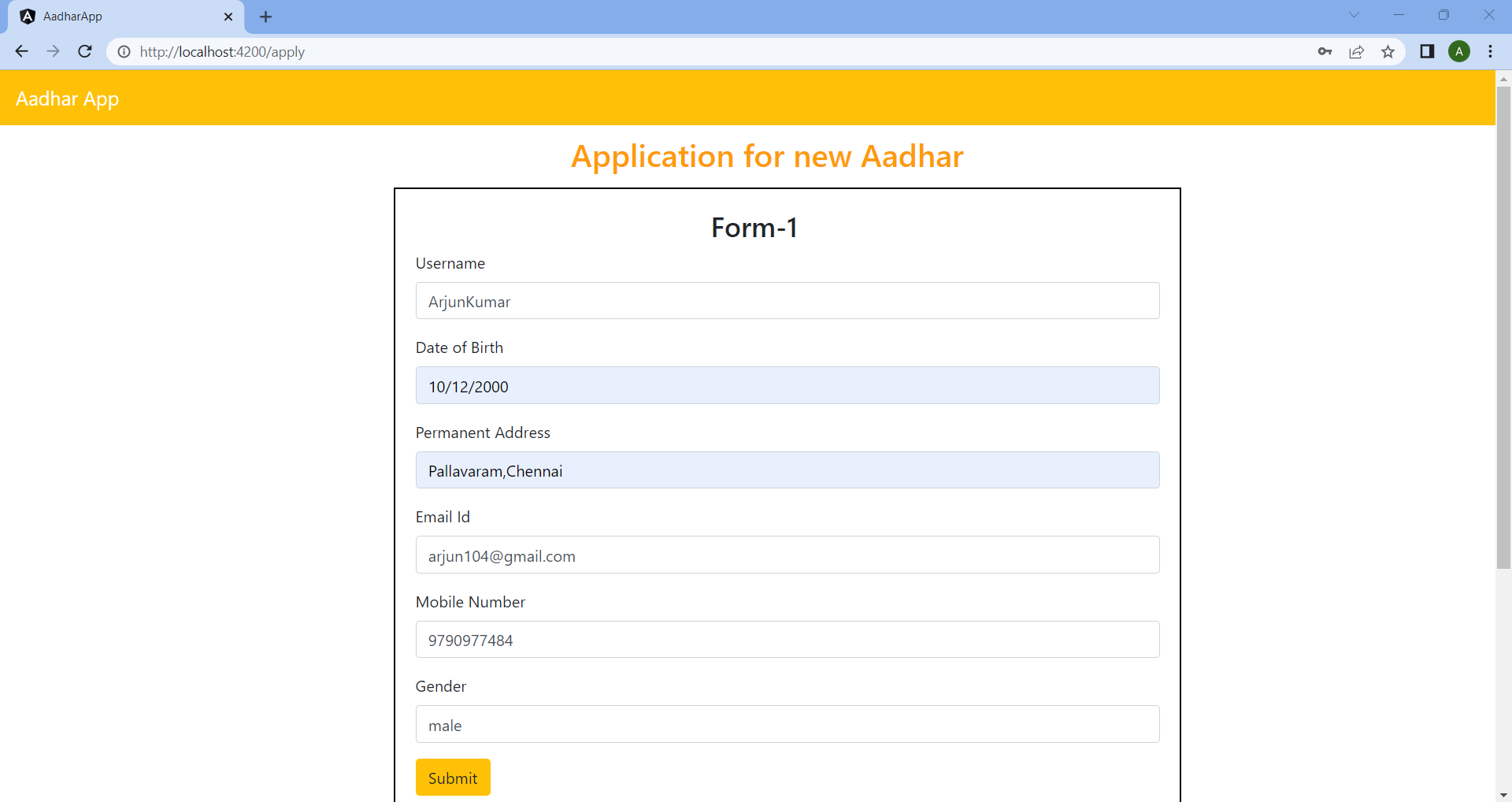
After registering it will take to login page



After logging in the userpage will load with various operations

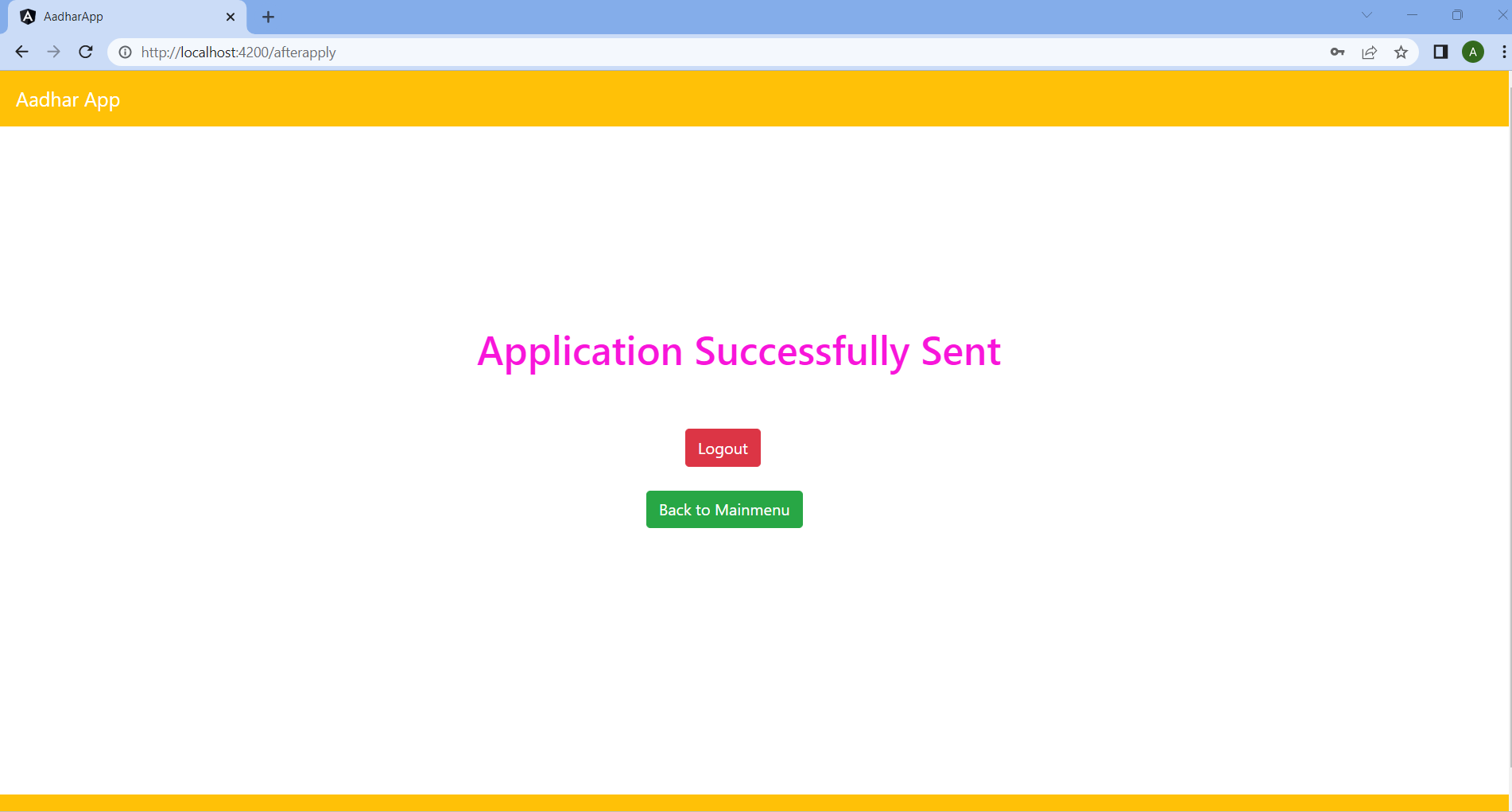


Click on “Apply for new Aadhar”

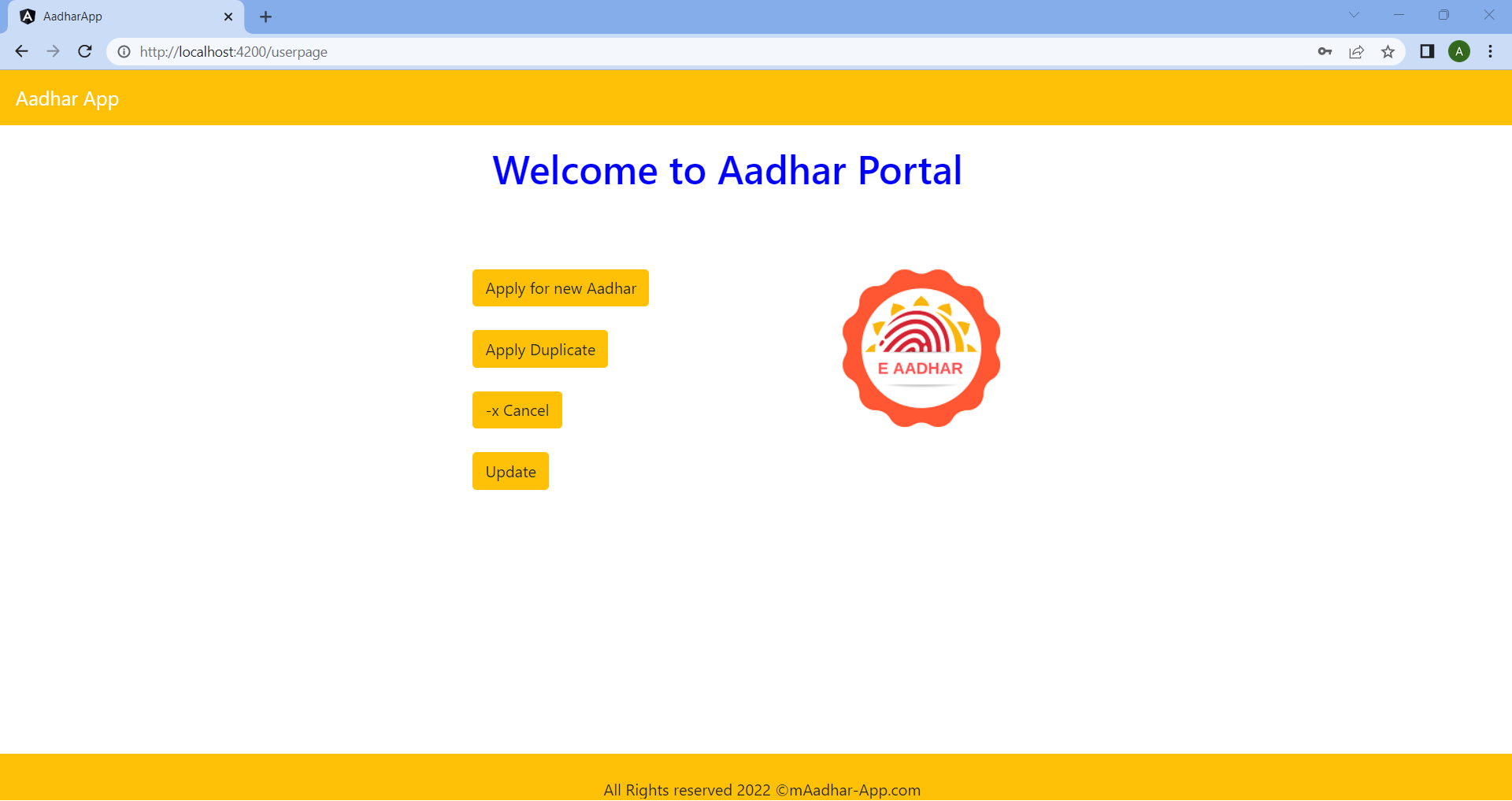


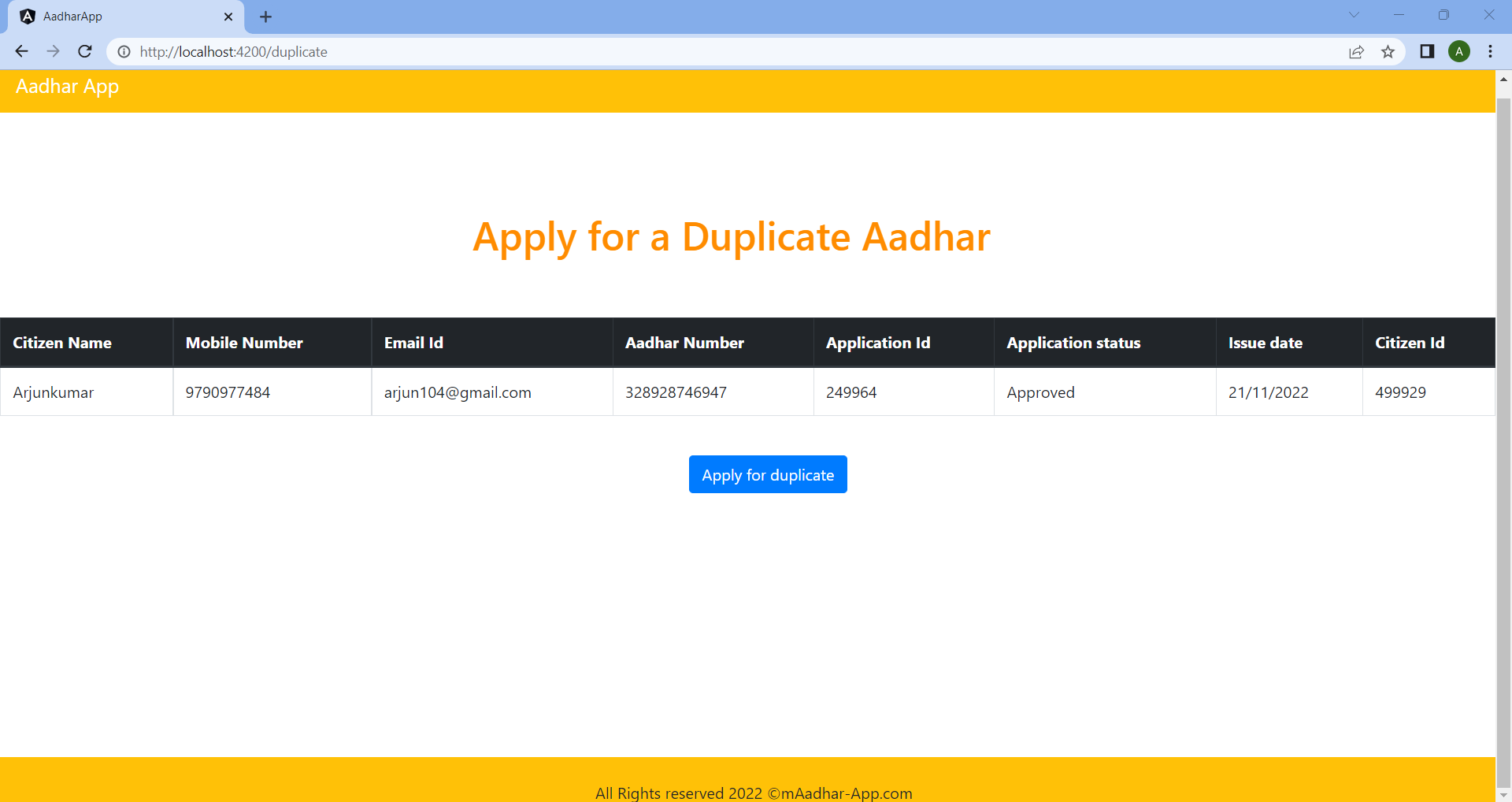


After applying the user can logout or navigate to mainmenu



After the admin approves the Application the user can request for duplicate Aadhar by clicking on “Apply Duplicate”

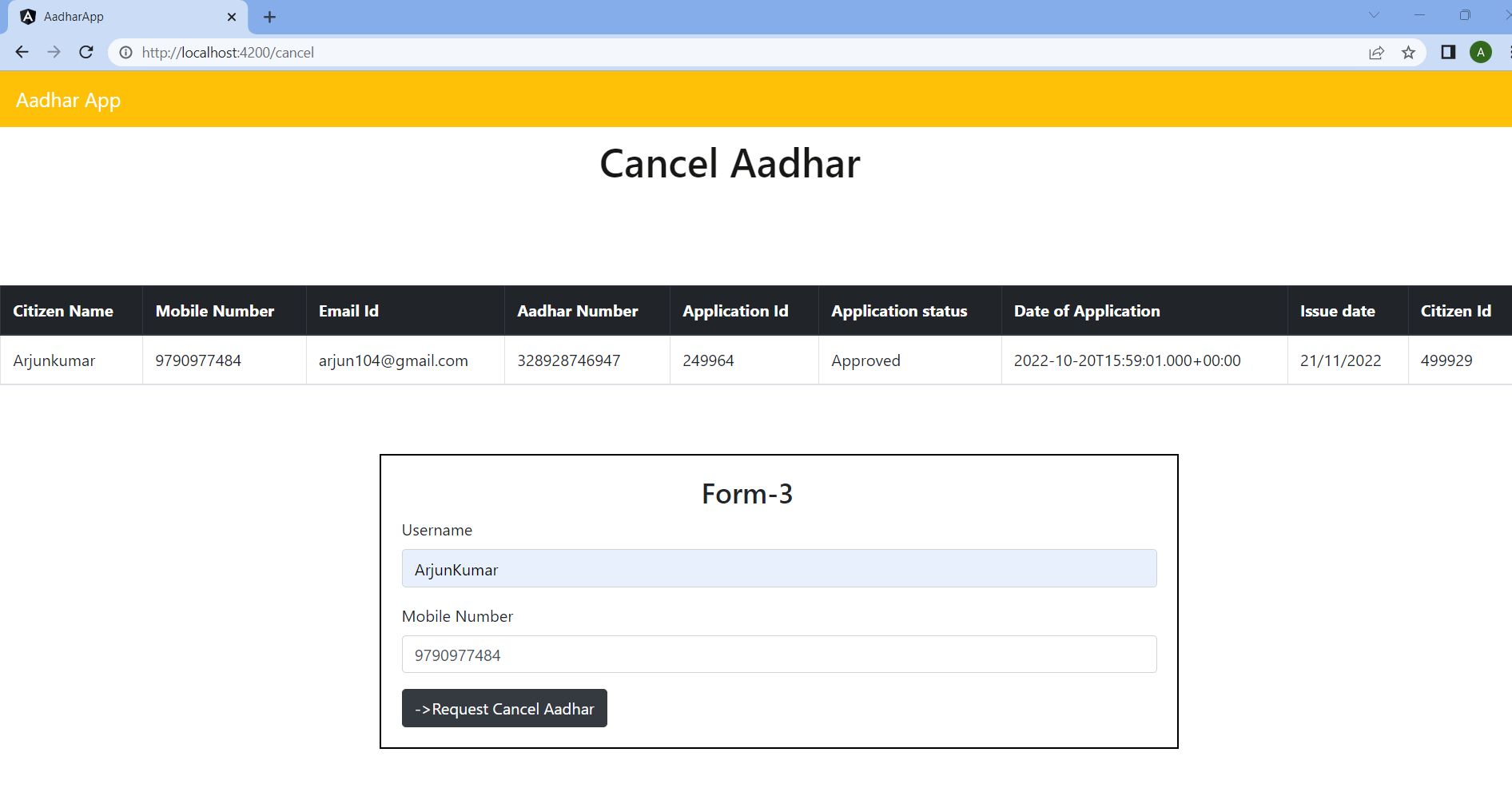




After applying

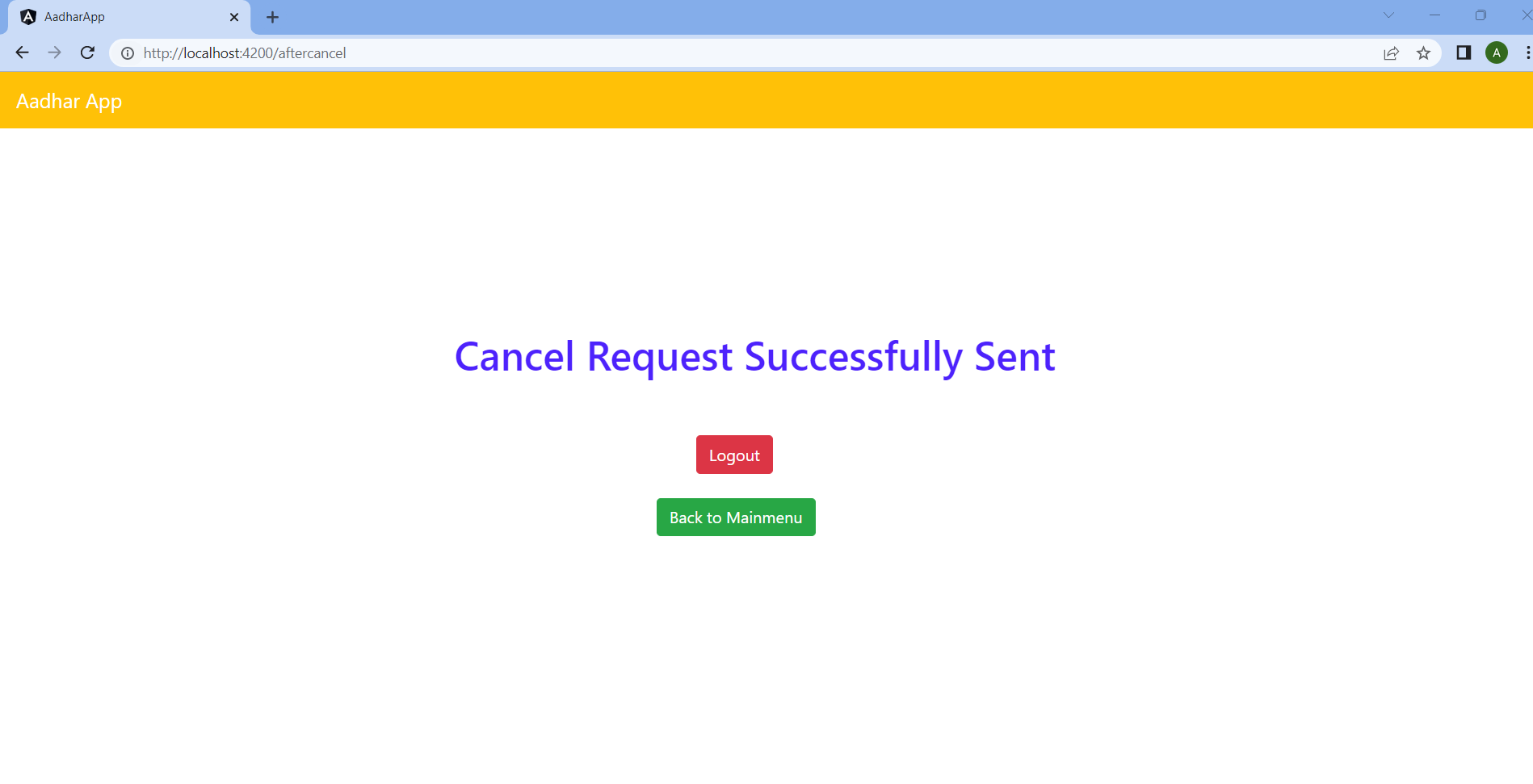


Aadhar can be cancelled if the Citizen is dead click on “Cancel” in User page



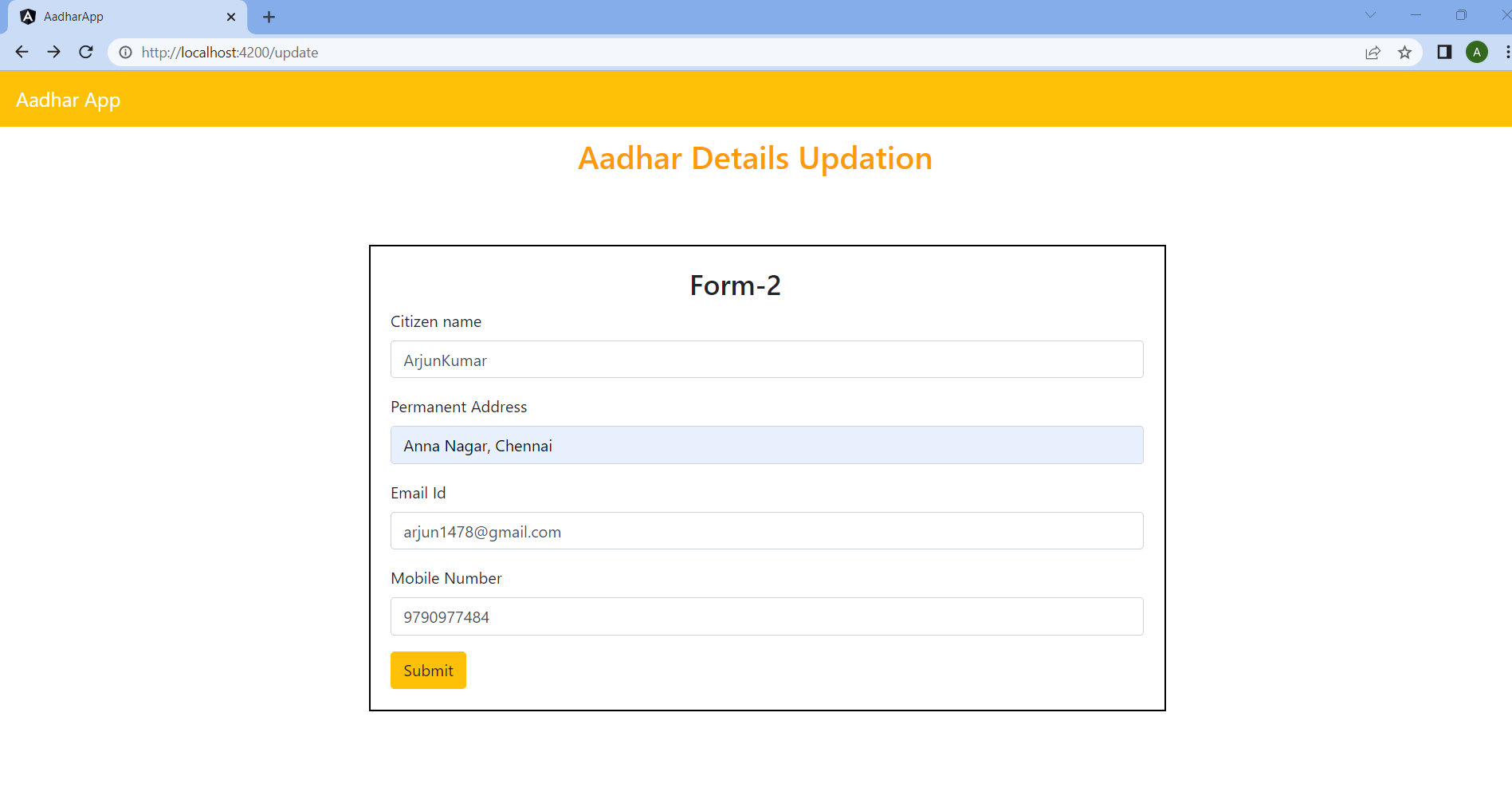


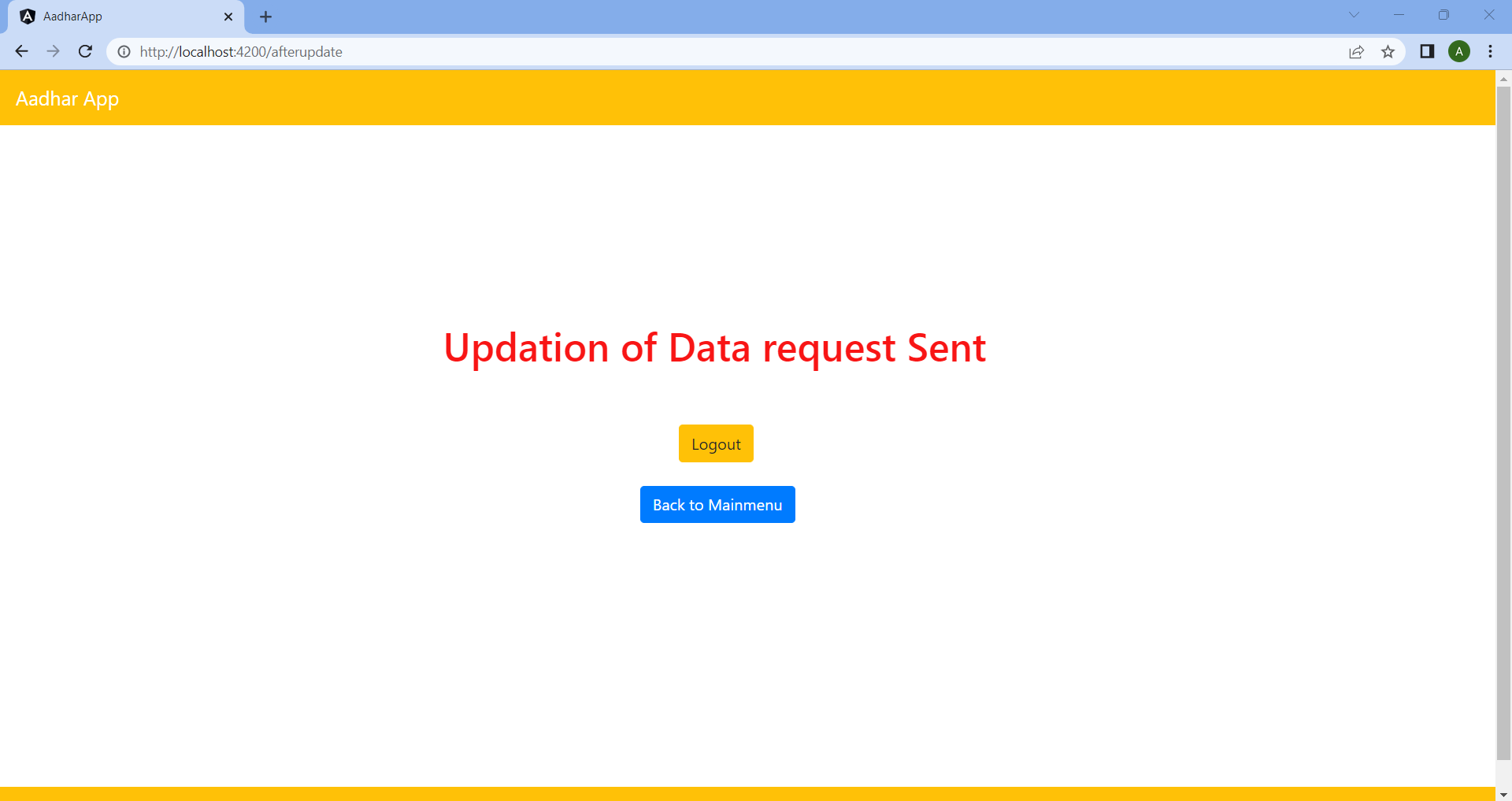
The requests are sent to admin to delete the Aadhar



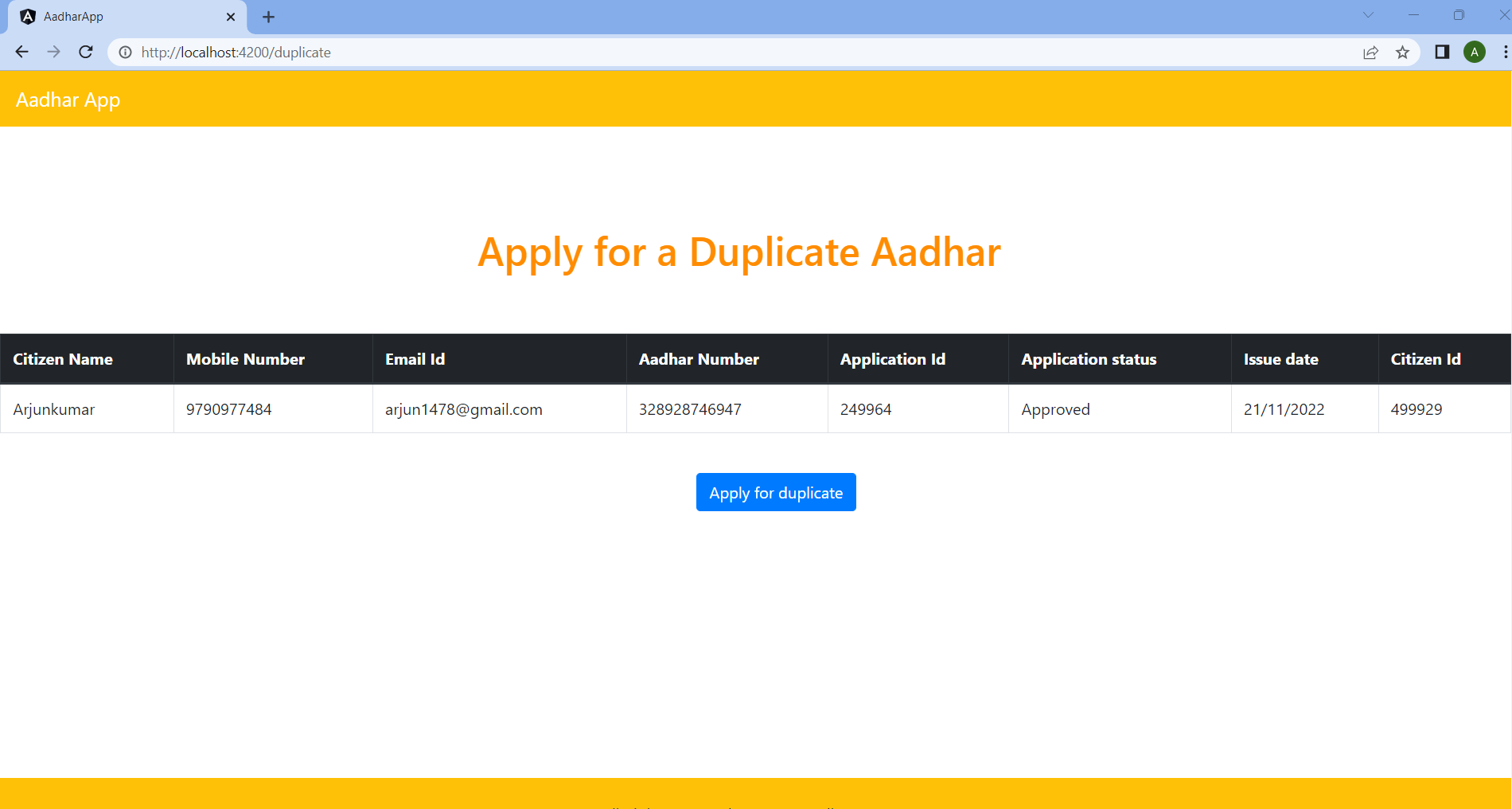


User can Update his Aadhar details



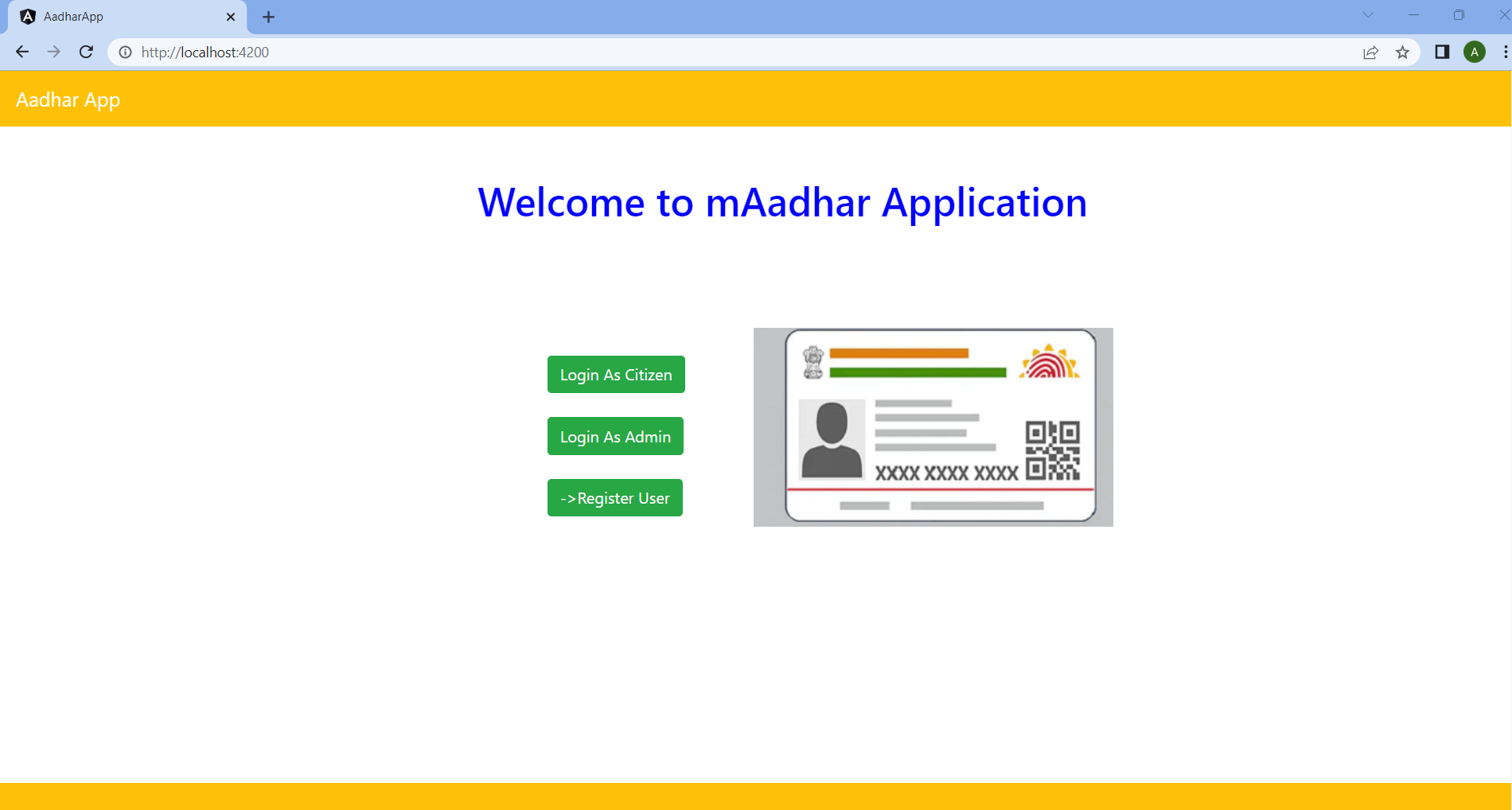


Again when he sees to apply duplicate he can see his updated details

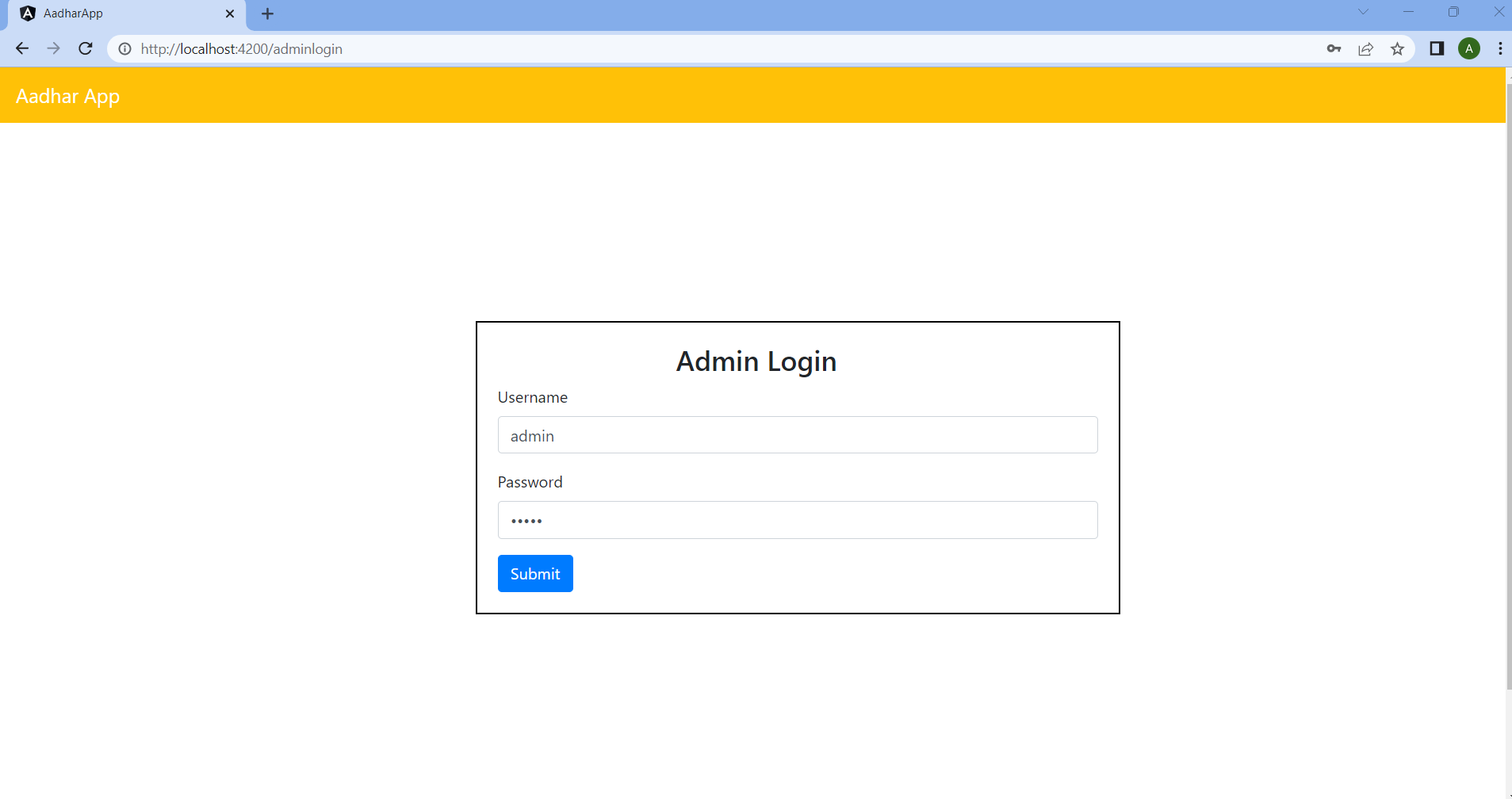


**Admin**

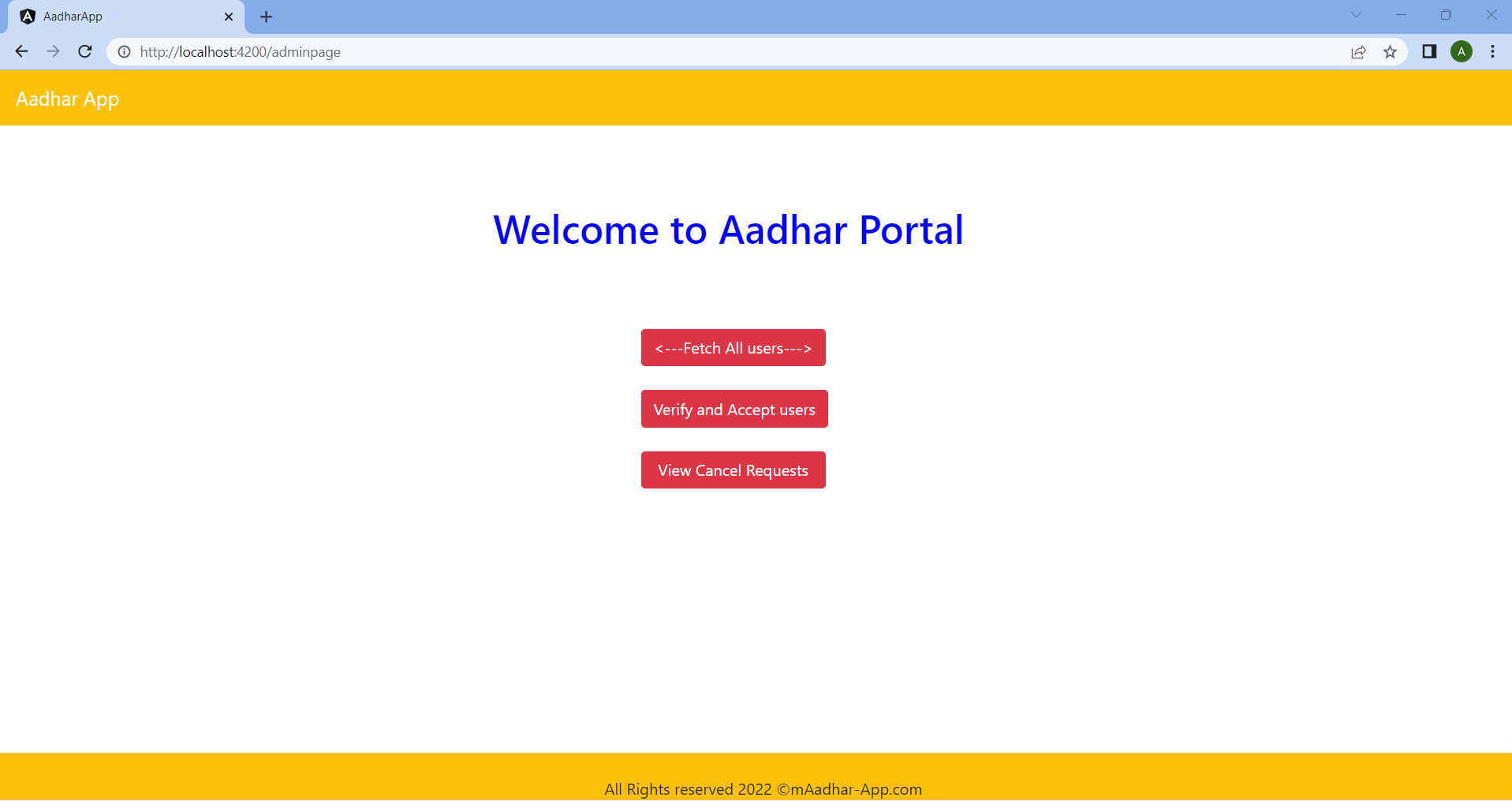
Click on “Login As Admin”

****

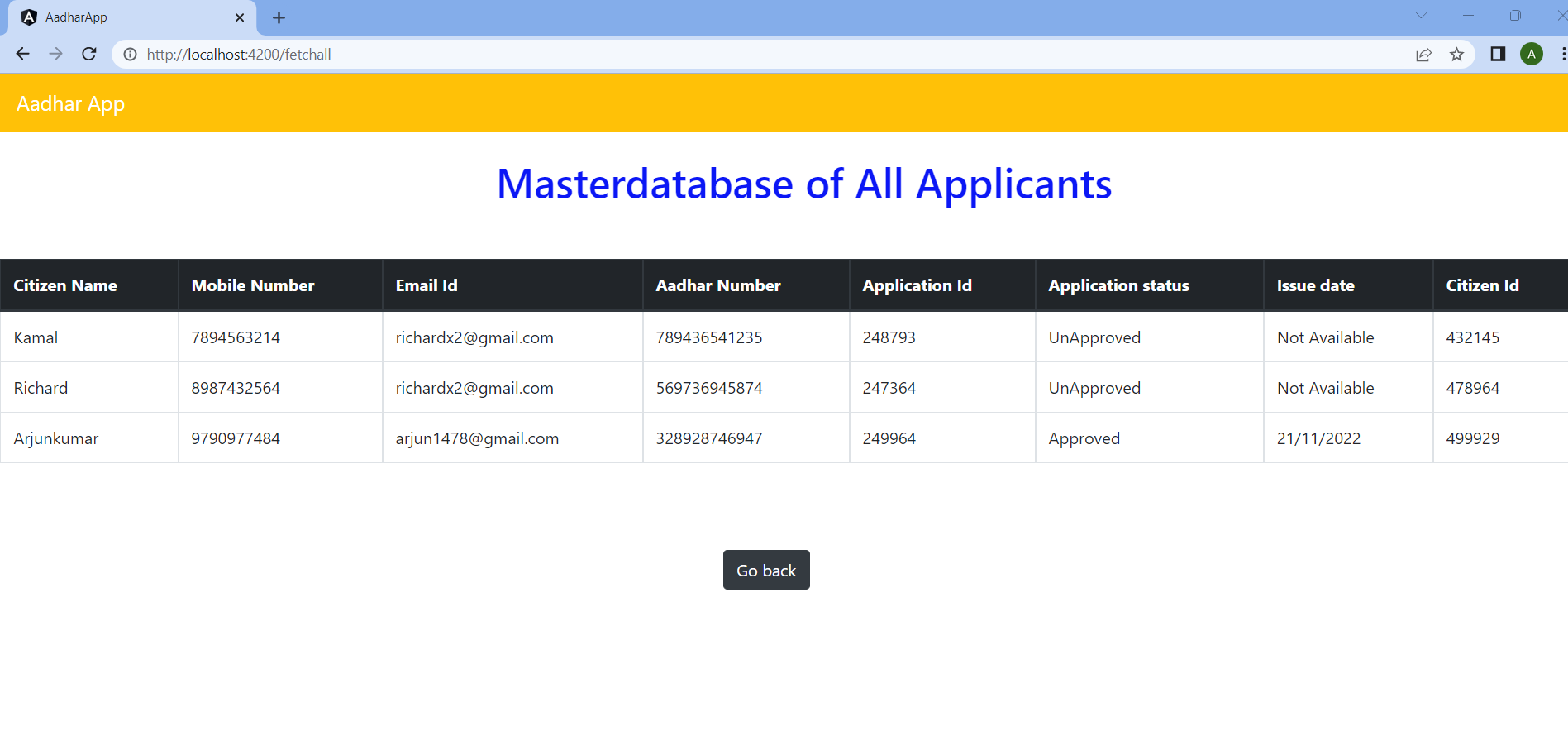
Enter the credentials to login



It will take to the Aadhar admin page

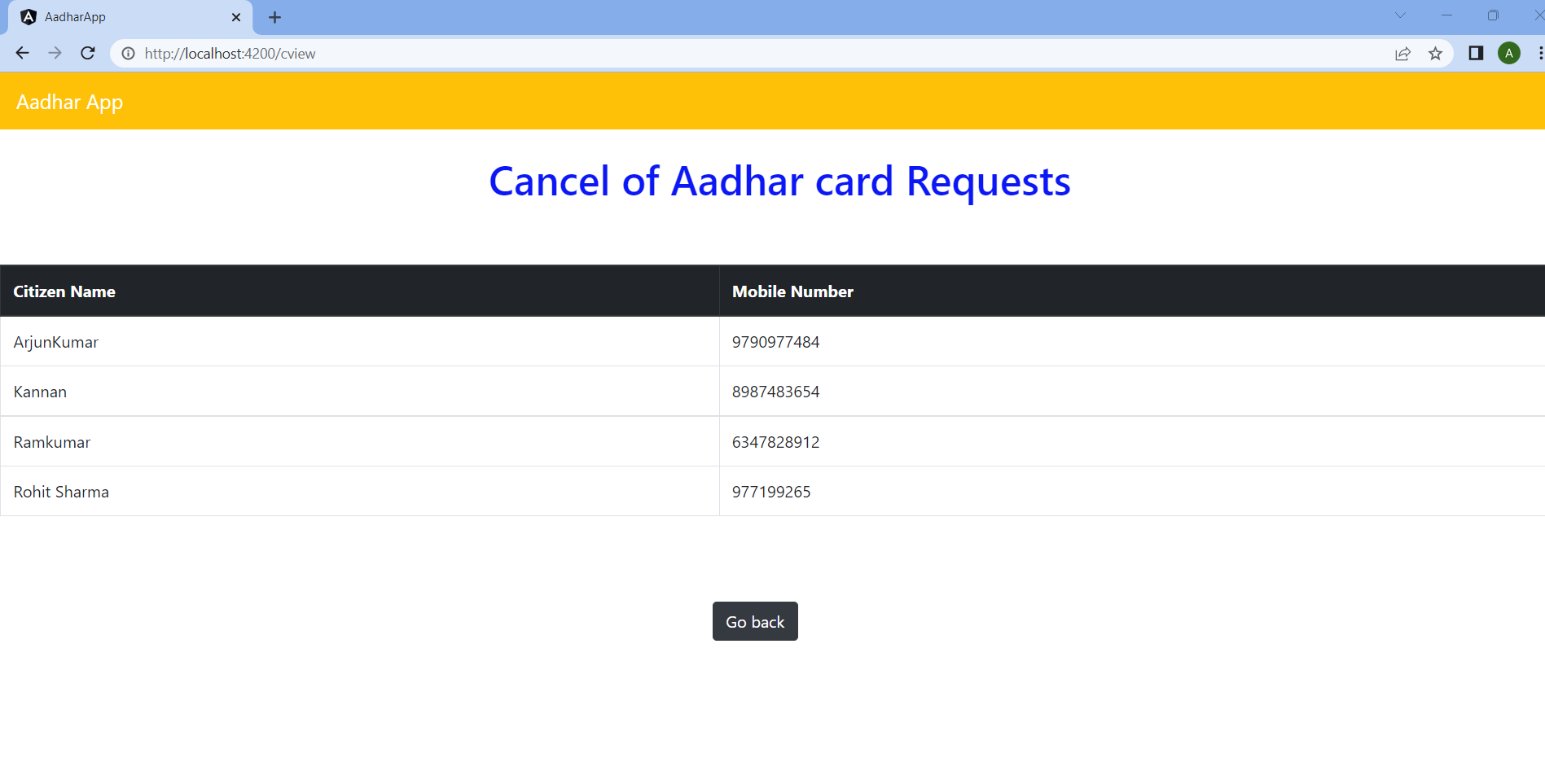


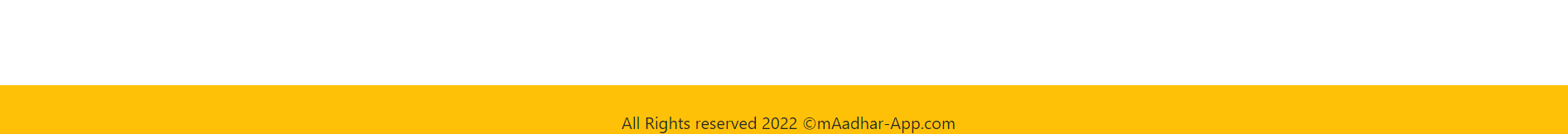
click on “Fetch all users” to see all the applicant details



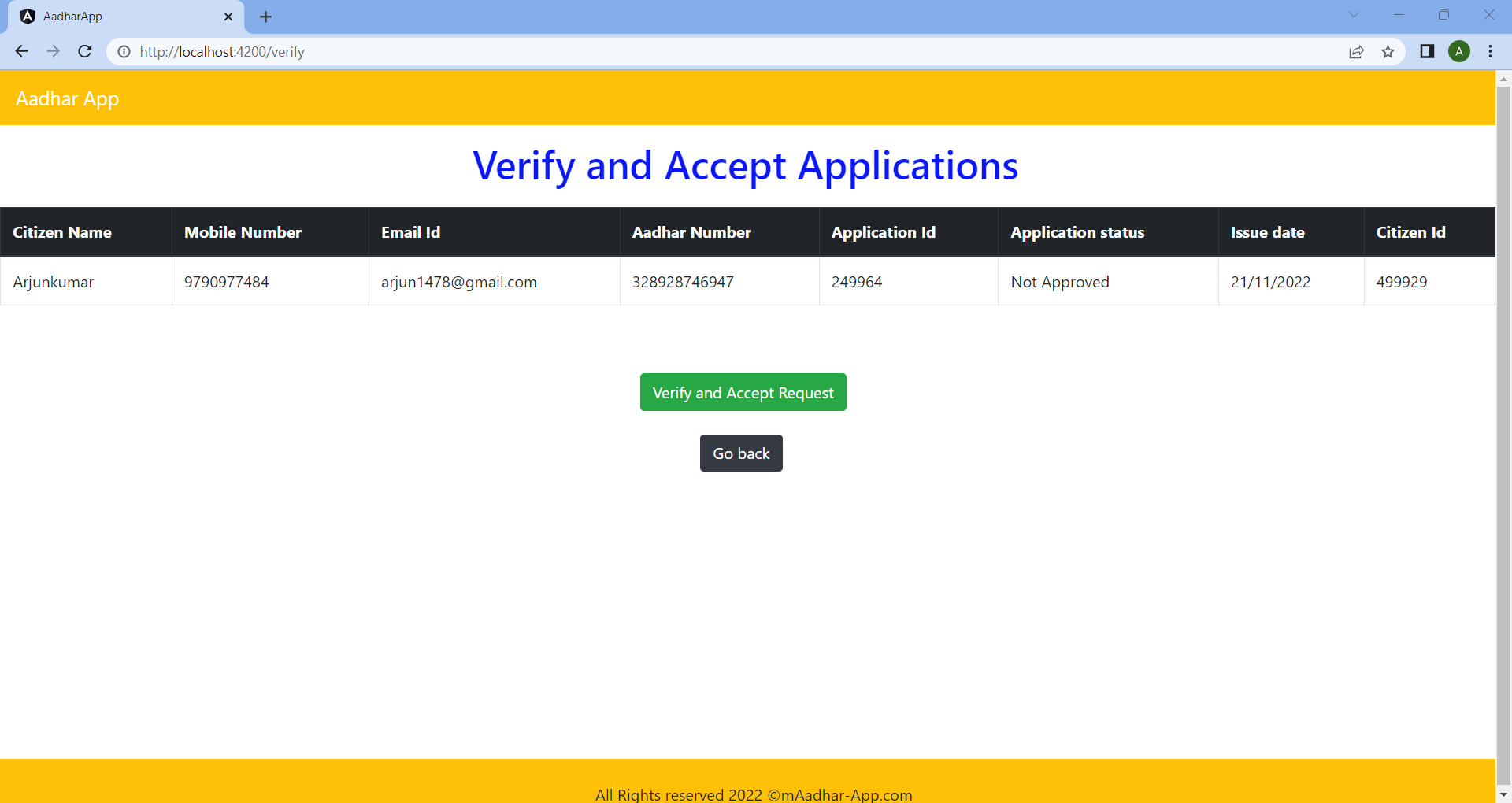


Admin can check the requests to cancel Aaadhar





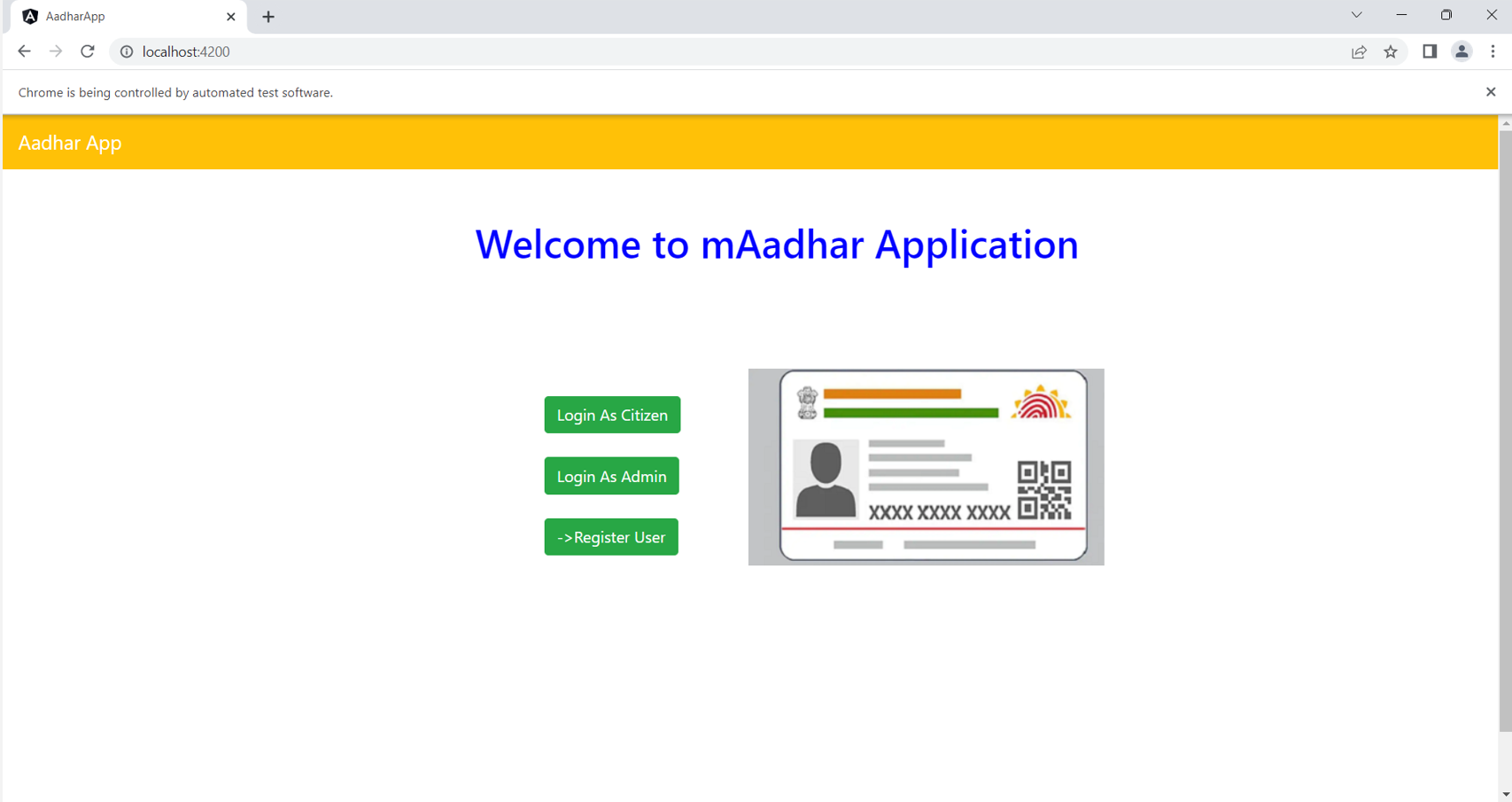
Admin can accept the new Application requests



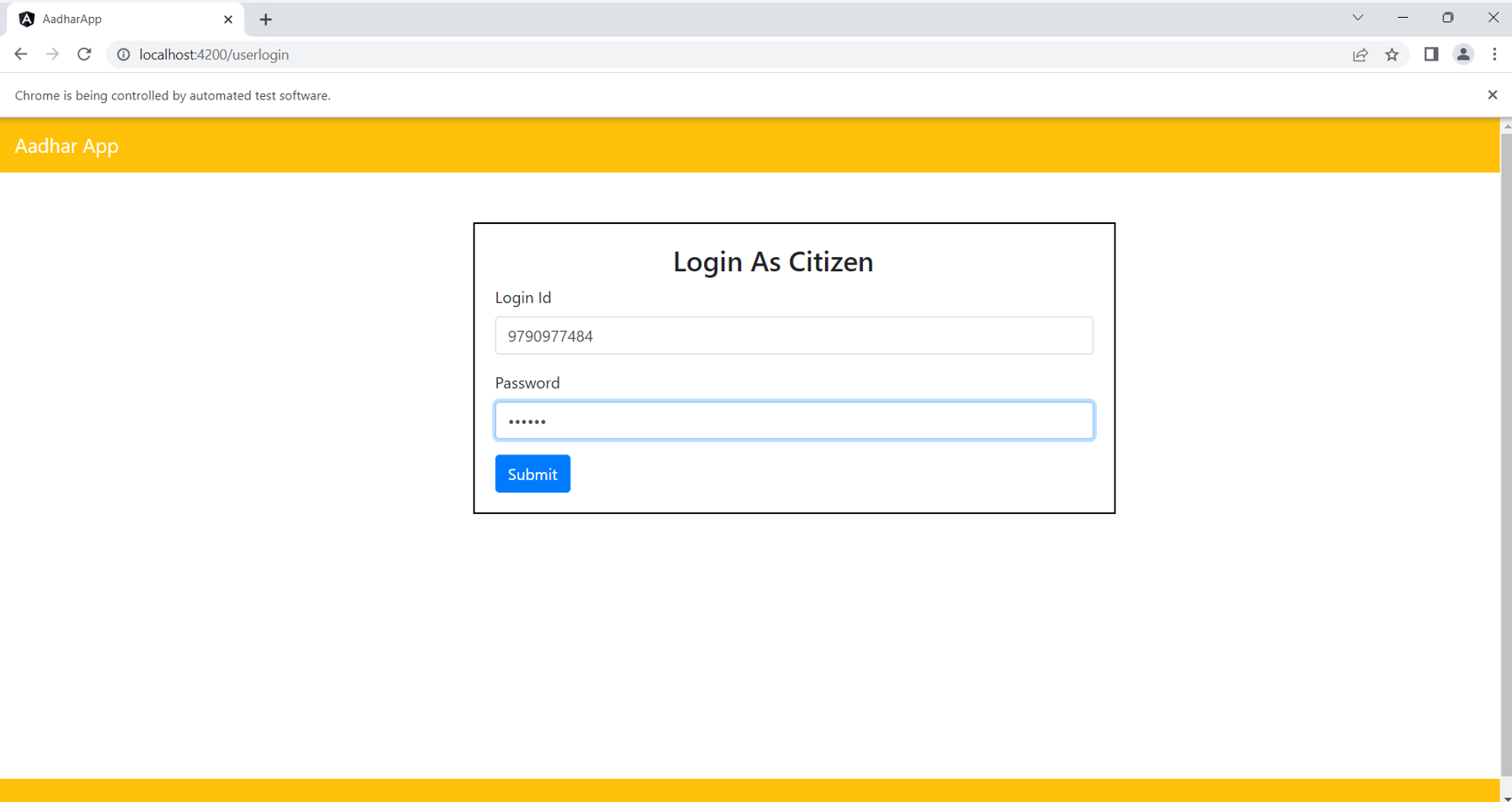


**TestNG Output:**

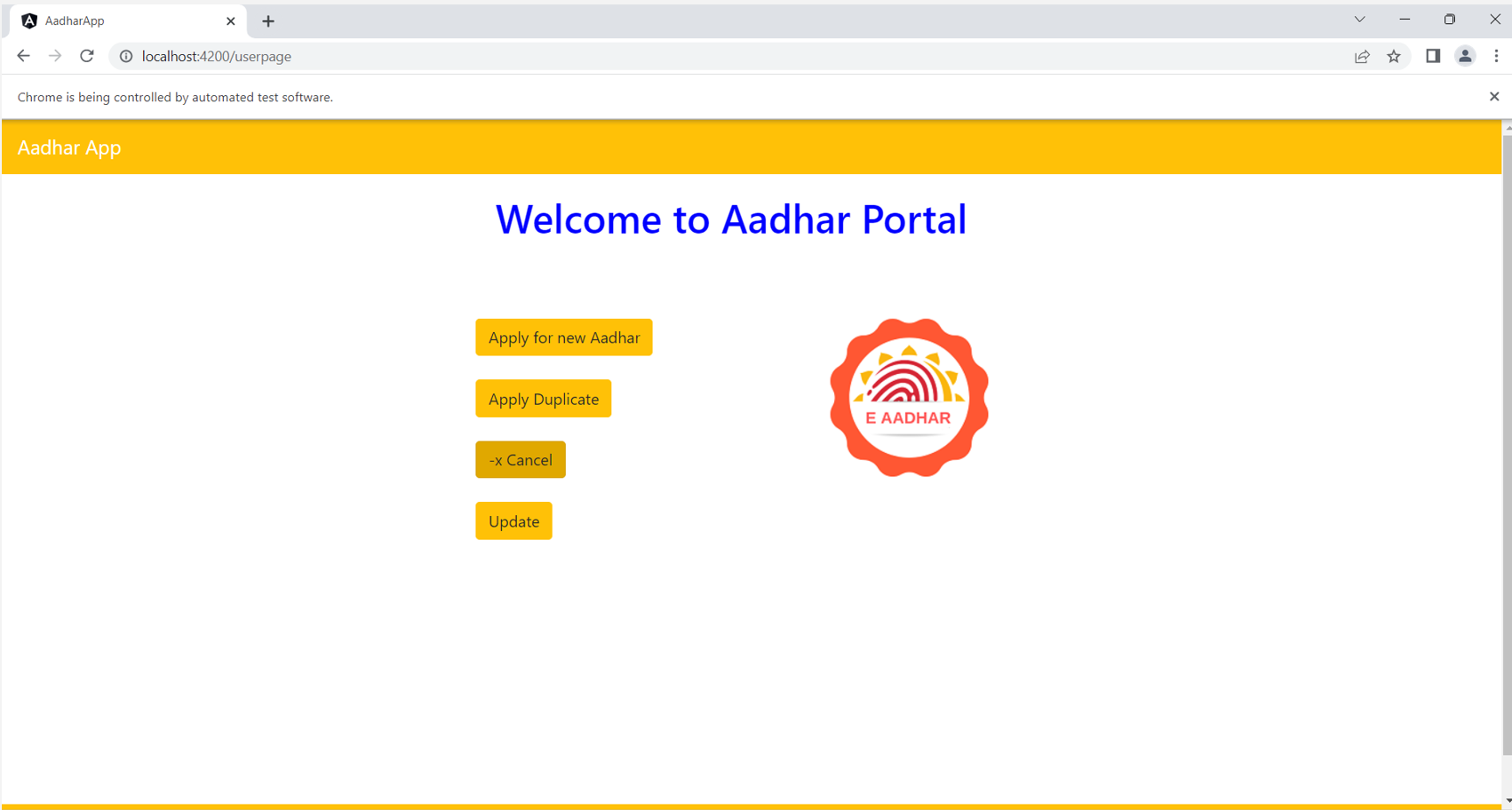
Log in as Citizen

****

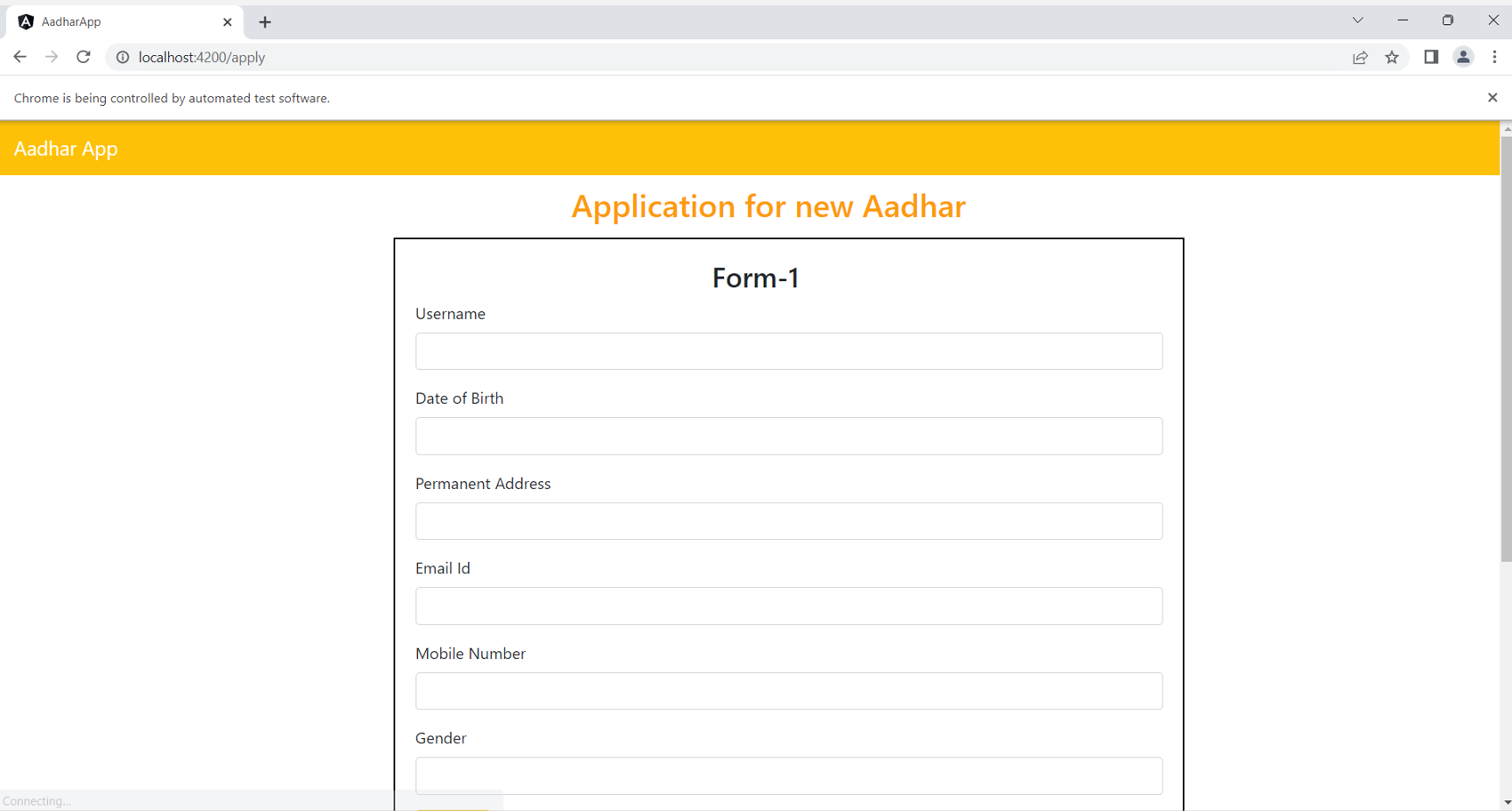
Fills up credentials and submit

****

It takes to the user page

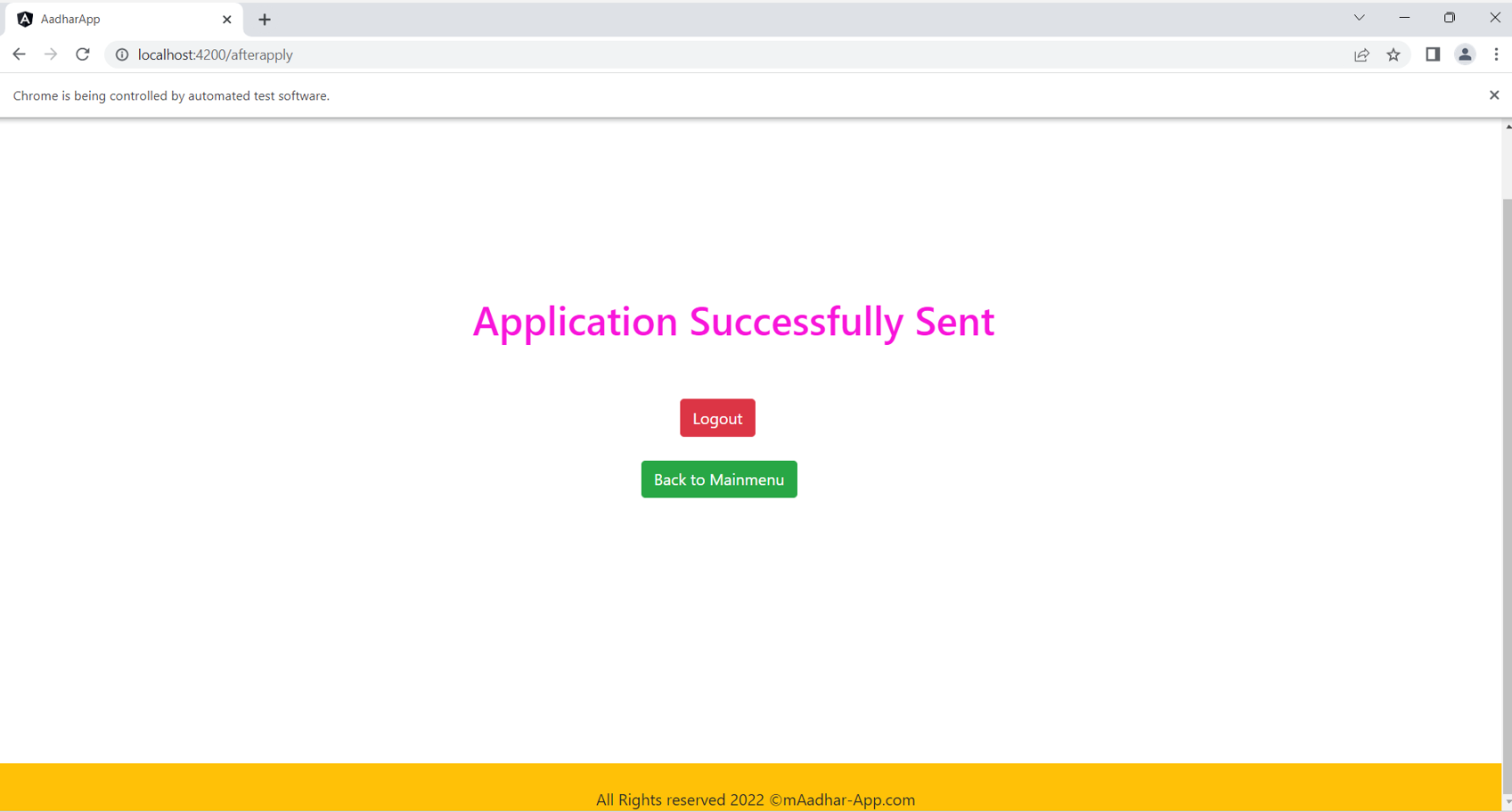
****

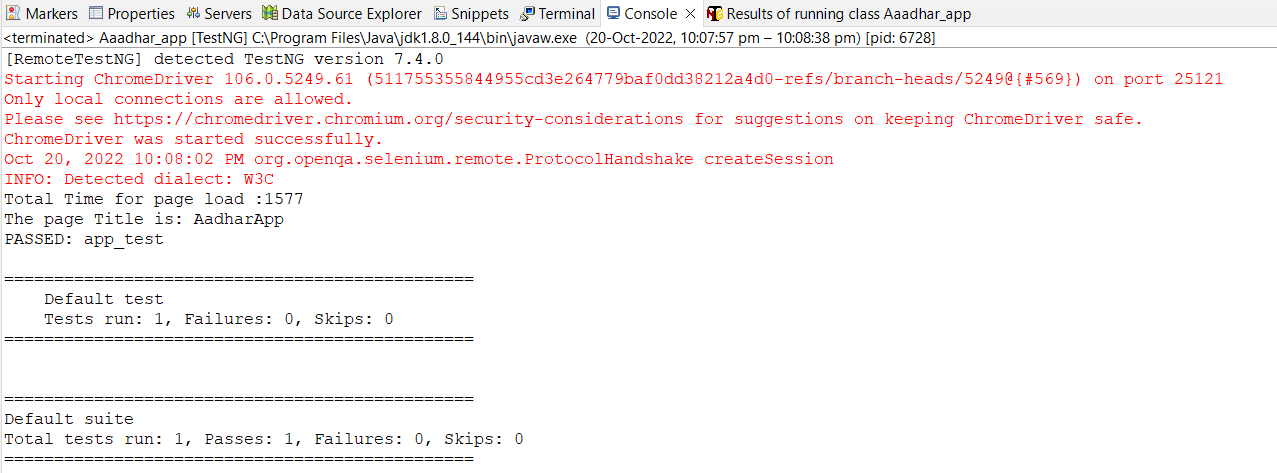
Applies for a new Aadhar

****

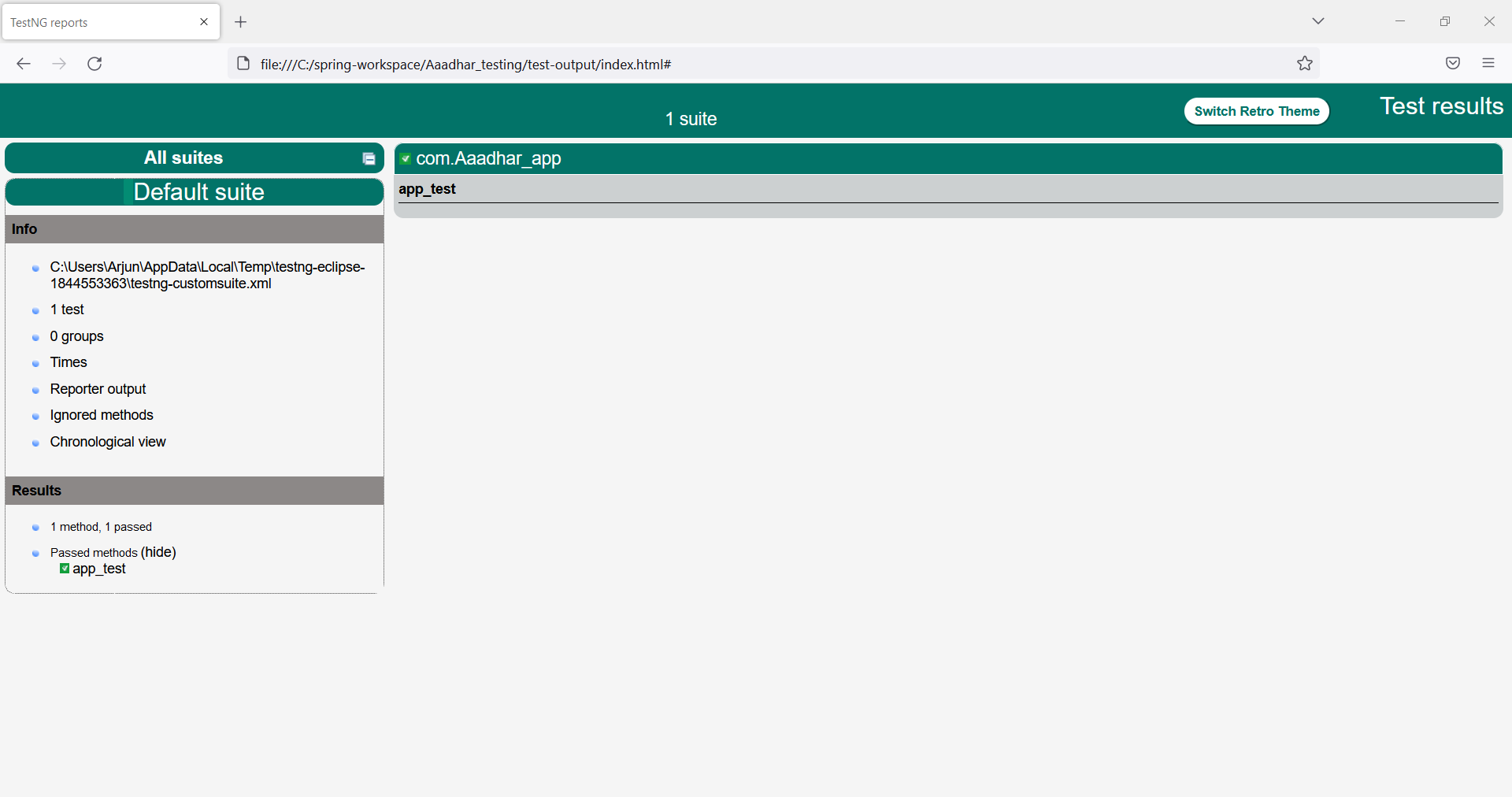
****

After submitting the driver exits

****

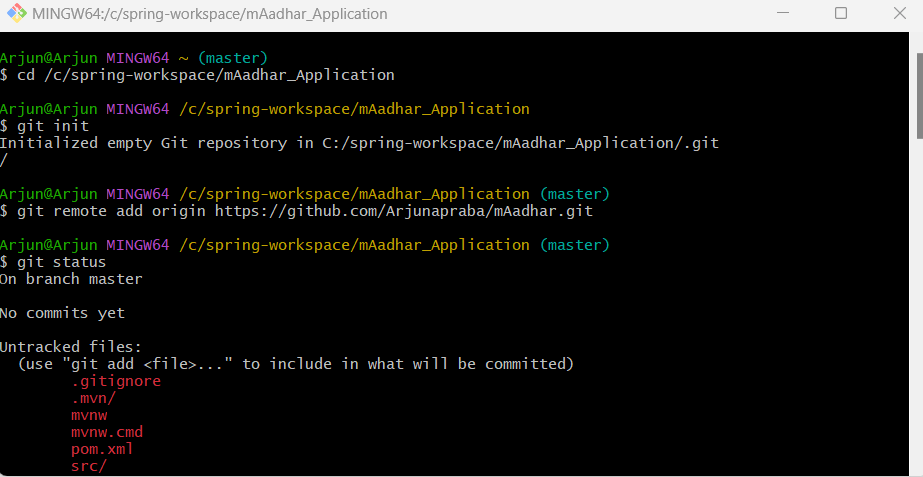
****

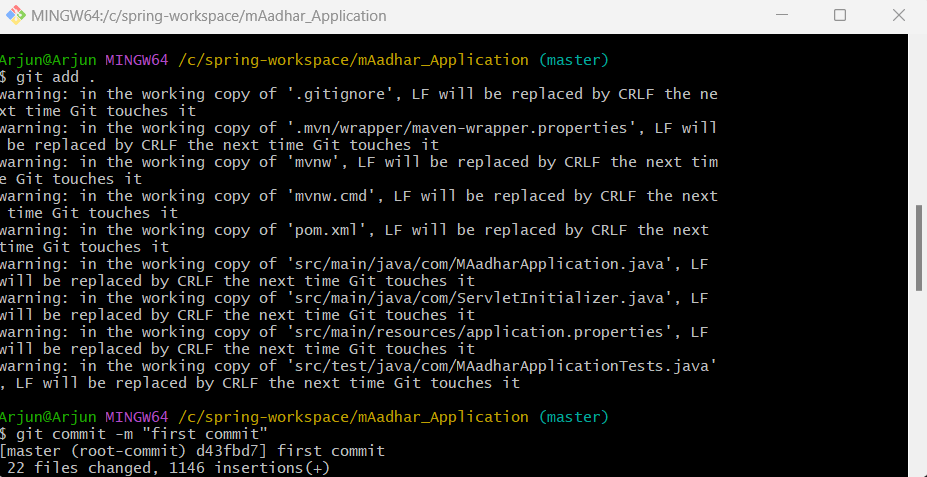
**TestNG reports**

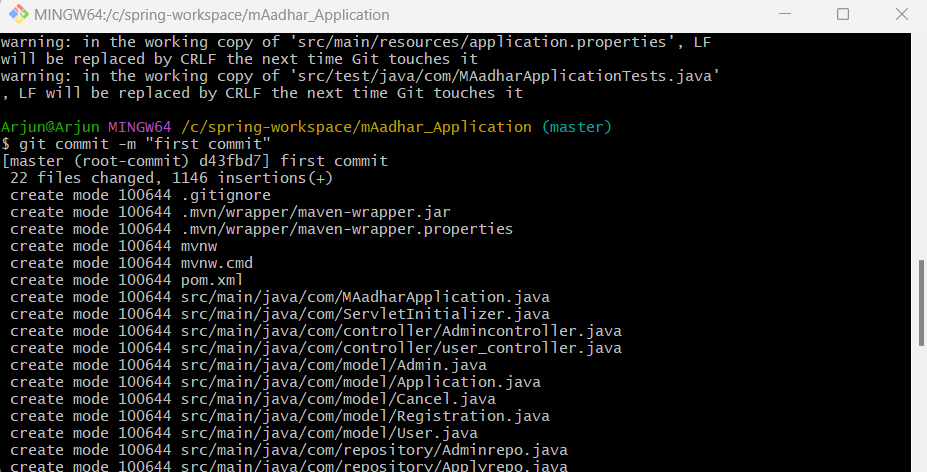
****

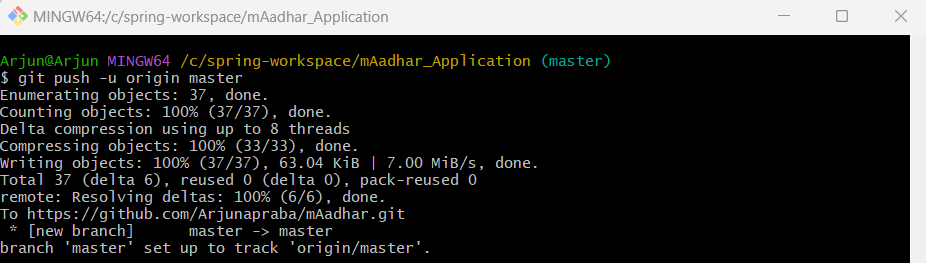
**Jenkins**

Upload to github

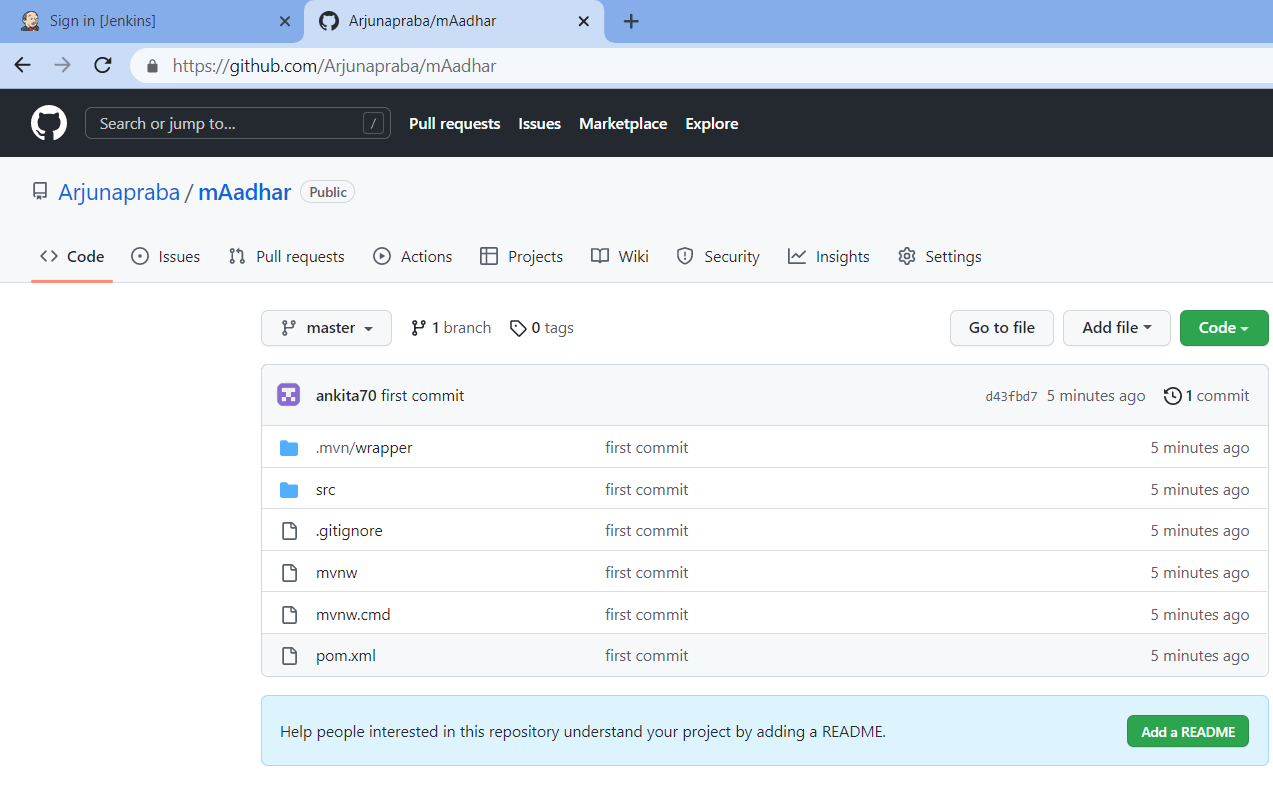


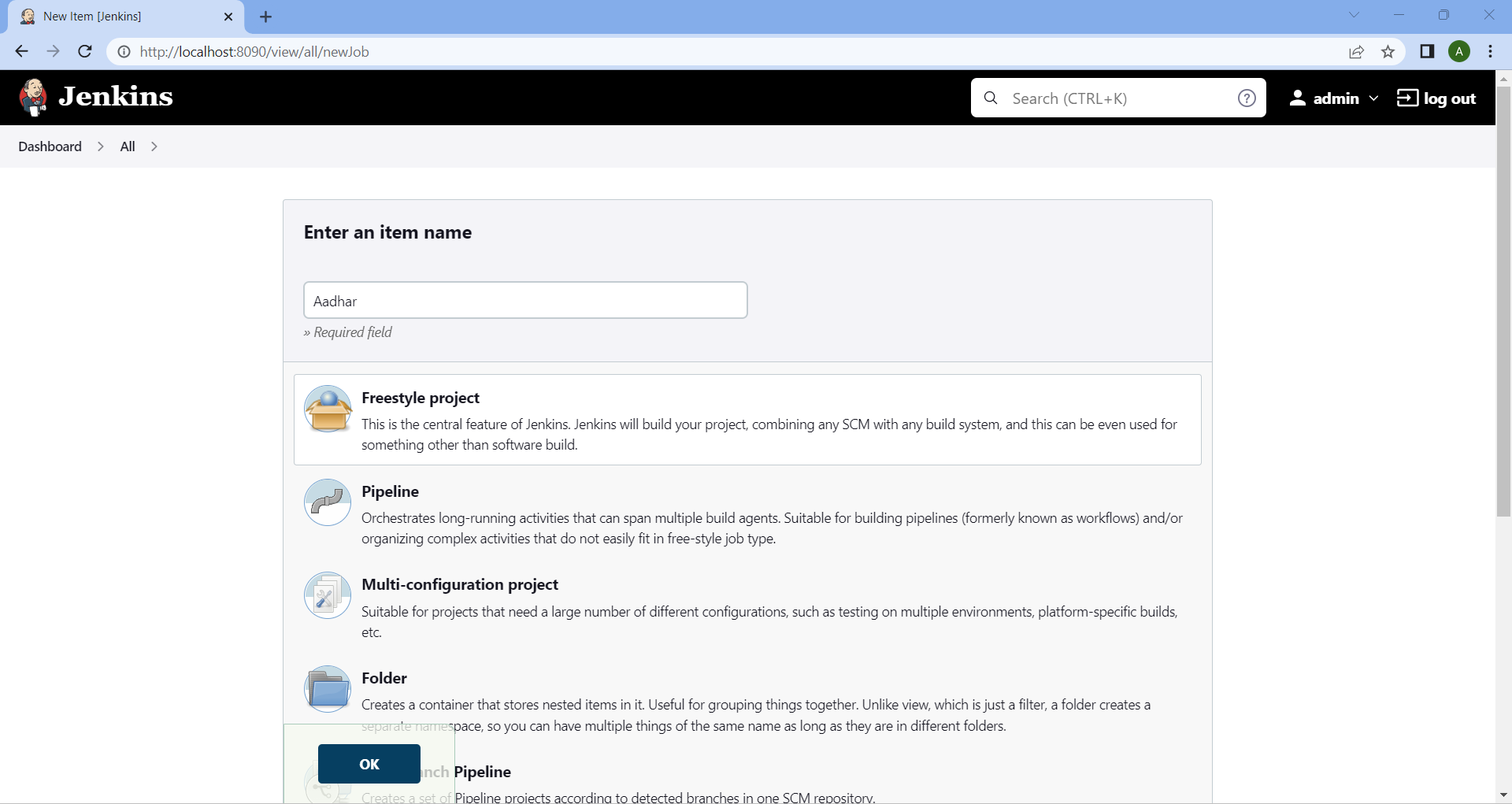


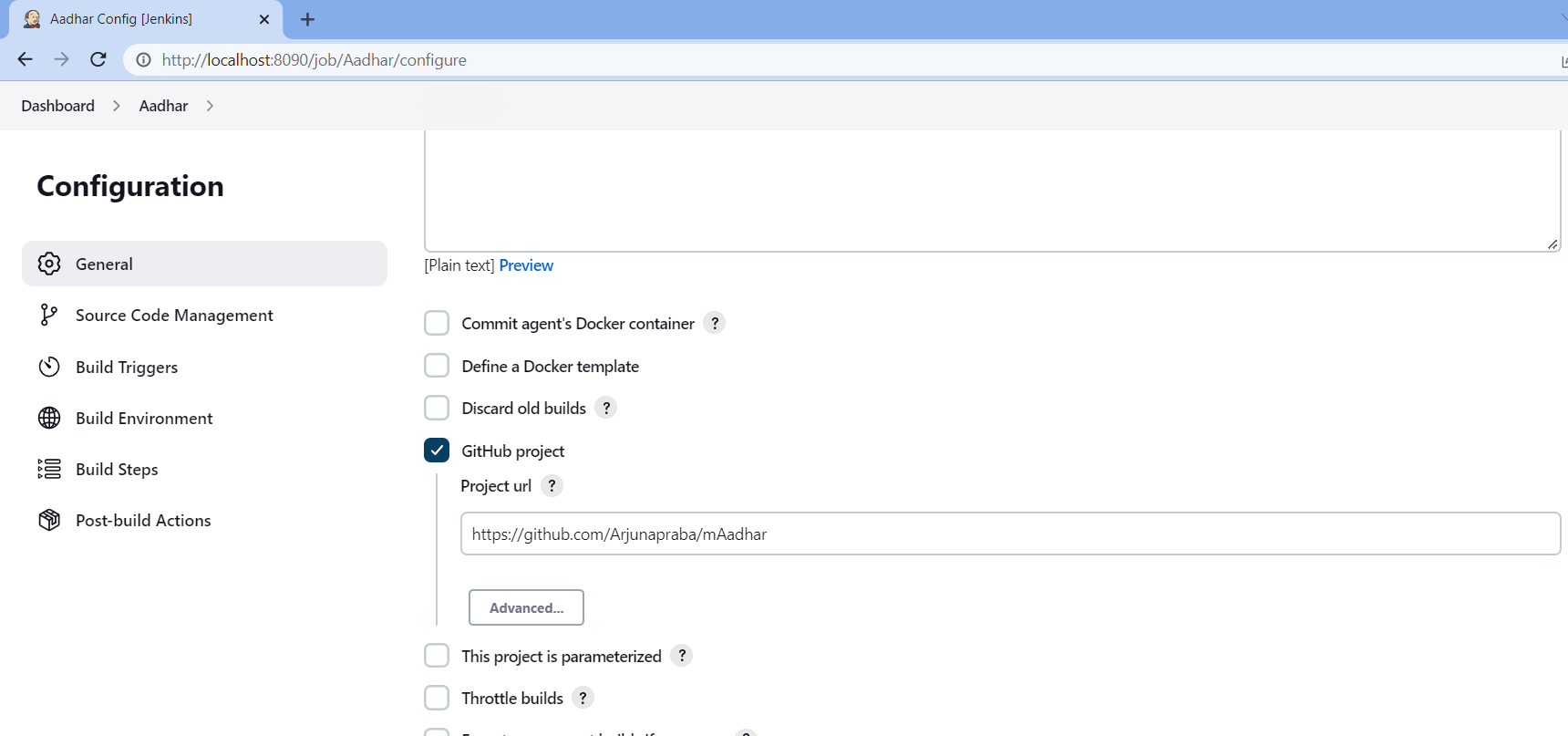


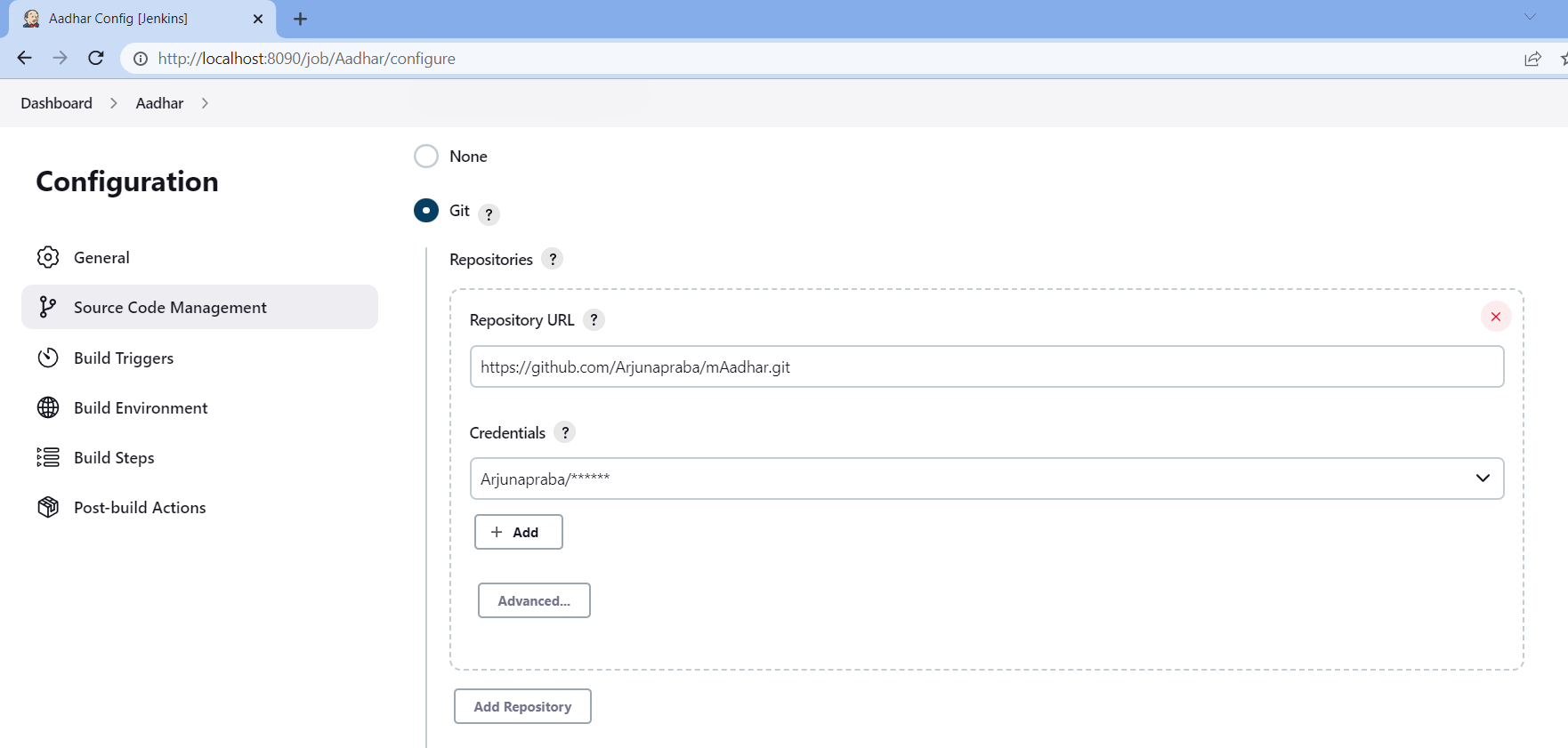


Pushed to github

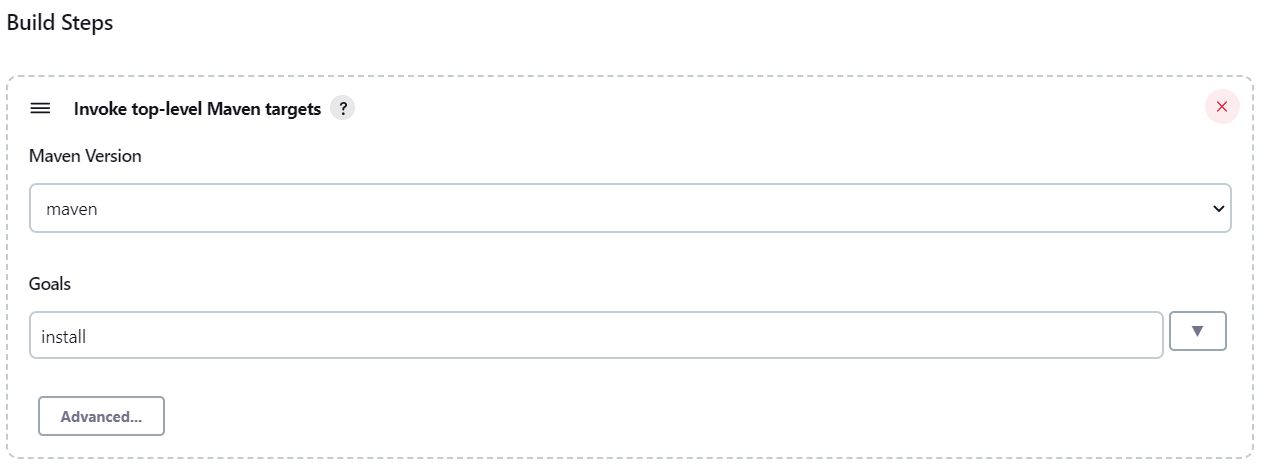




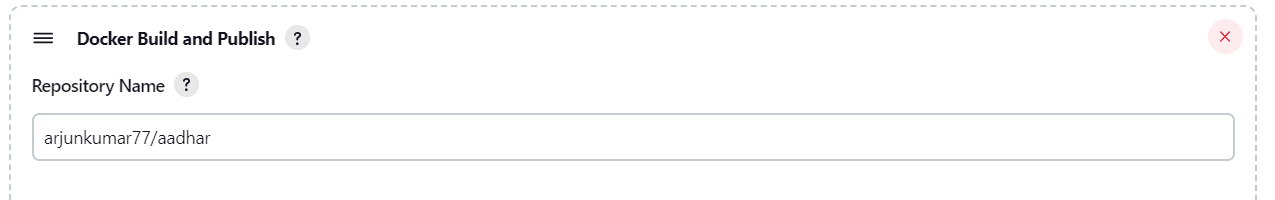


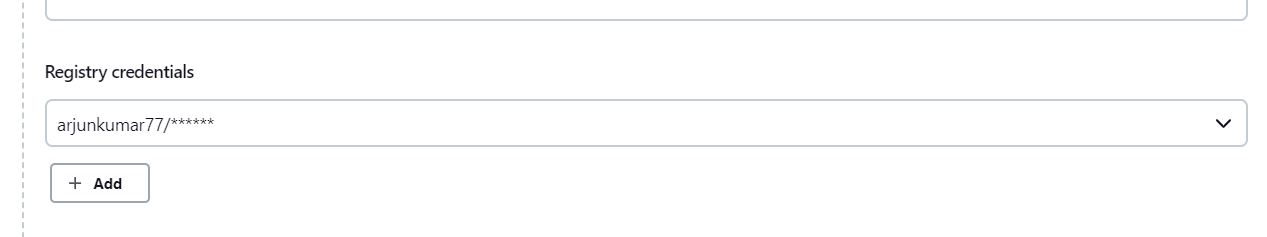




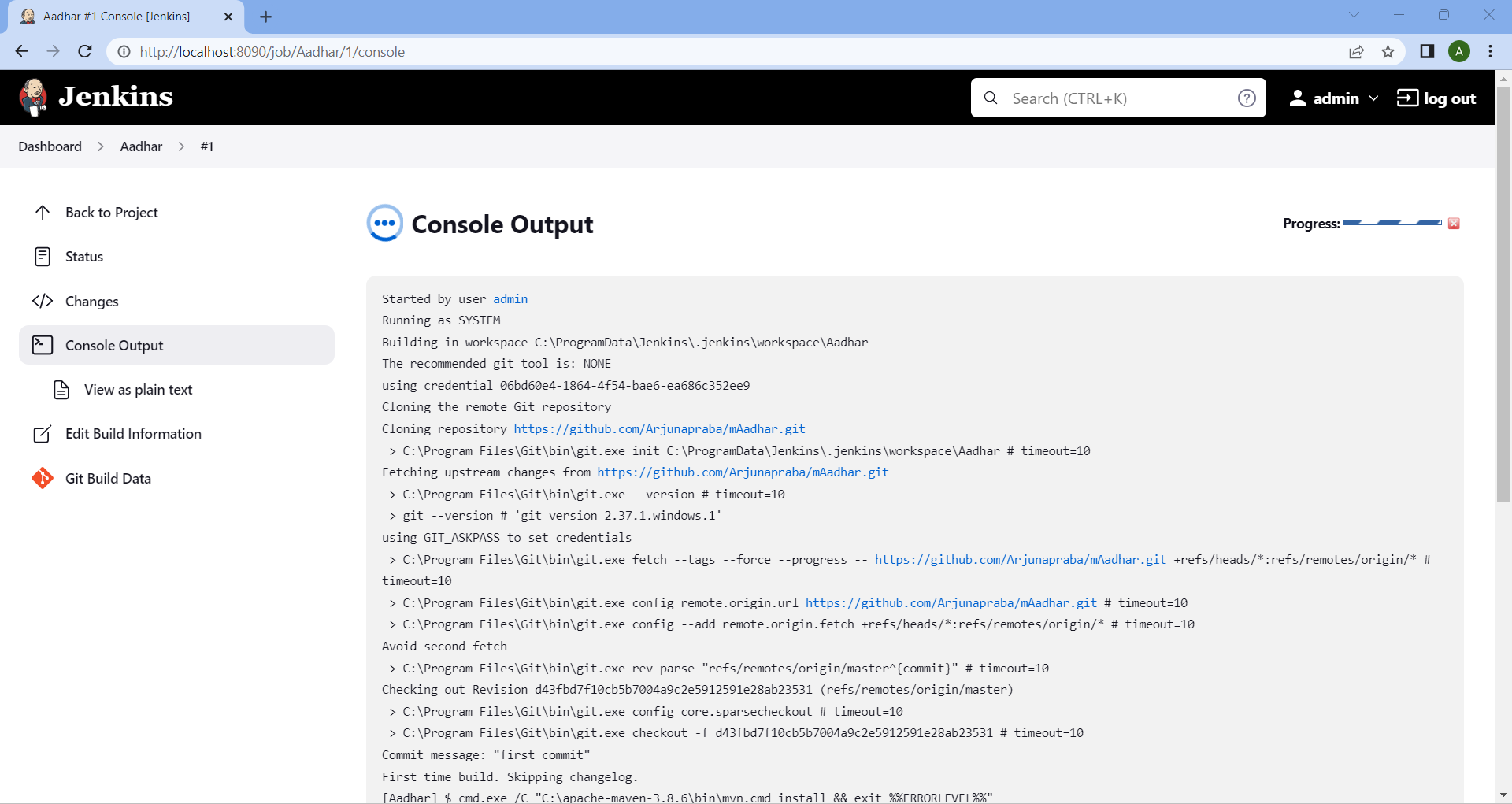
****

**Docker**

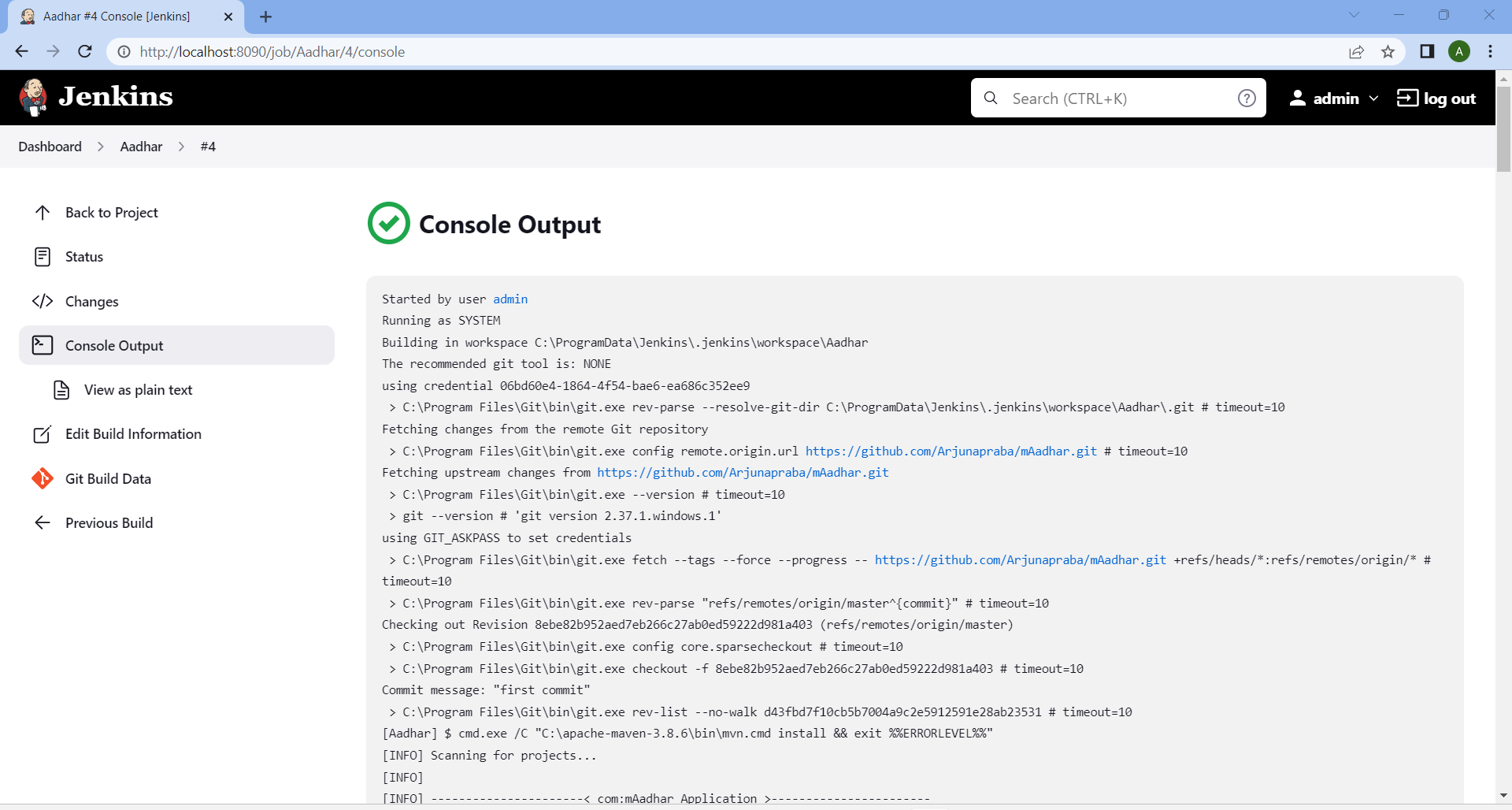
****

****

Then save it and click on “Build now”

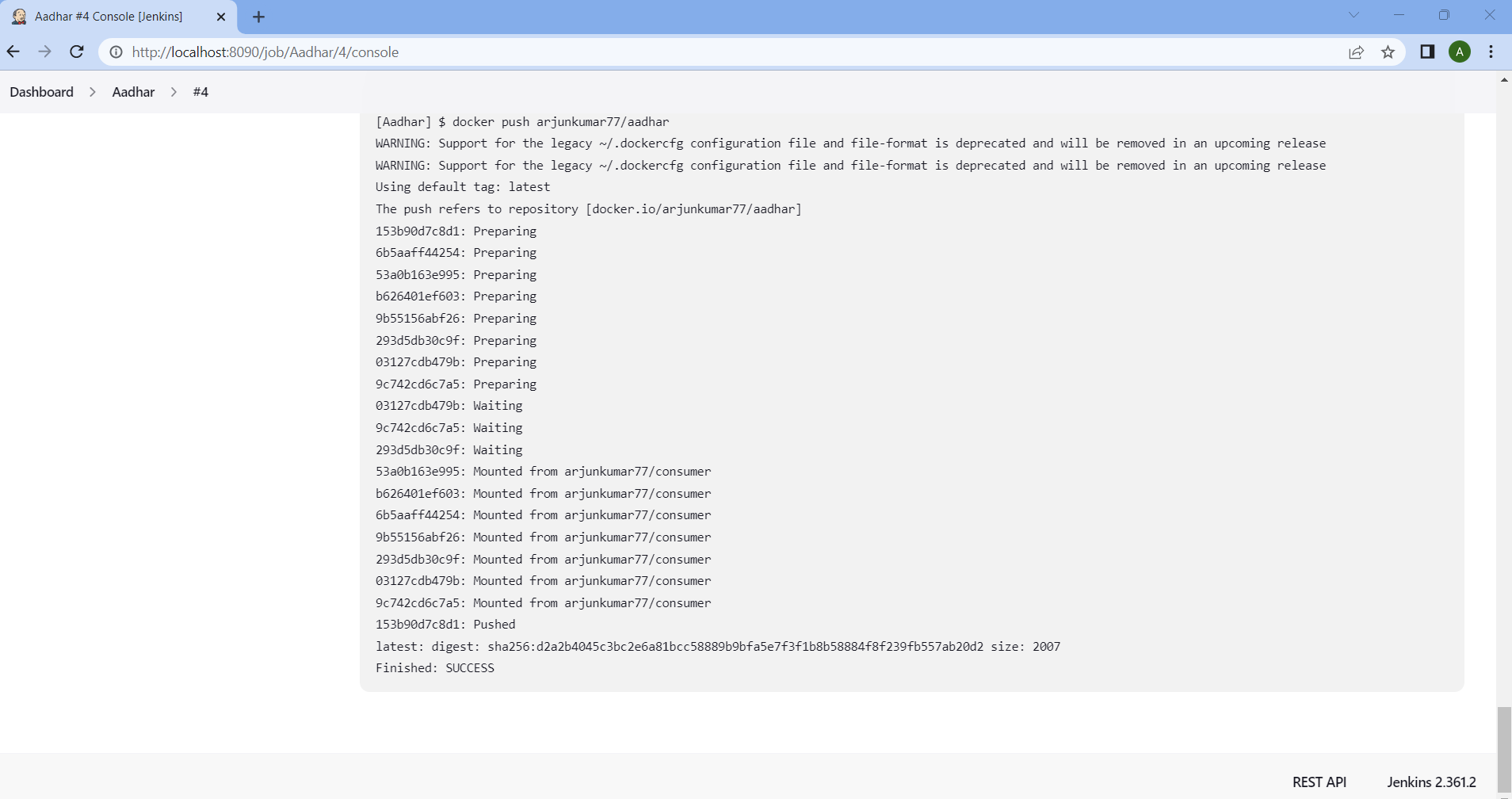
****

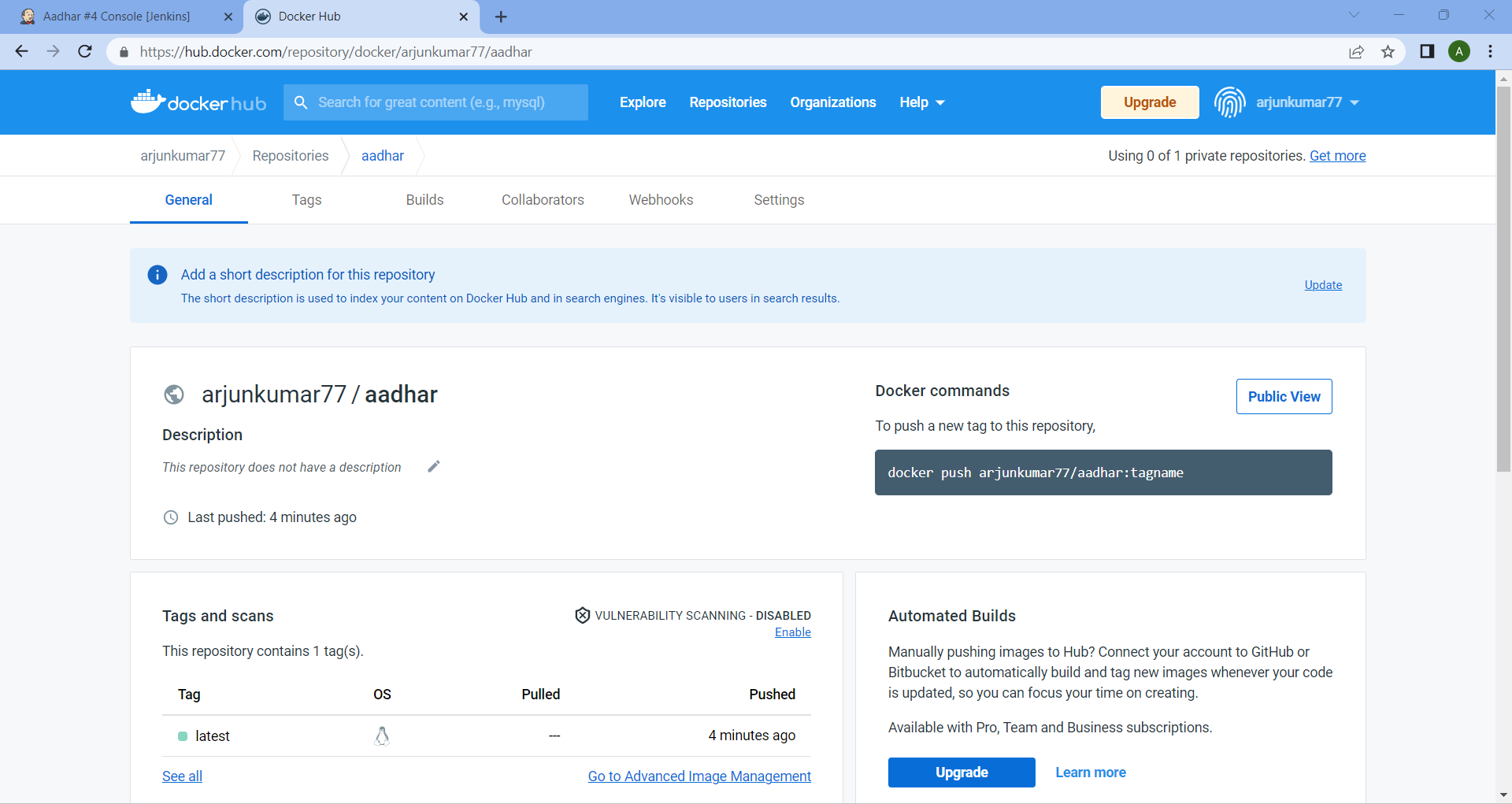
**Build is complete**

****

****

**Build success**

****

****